

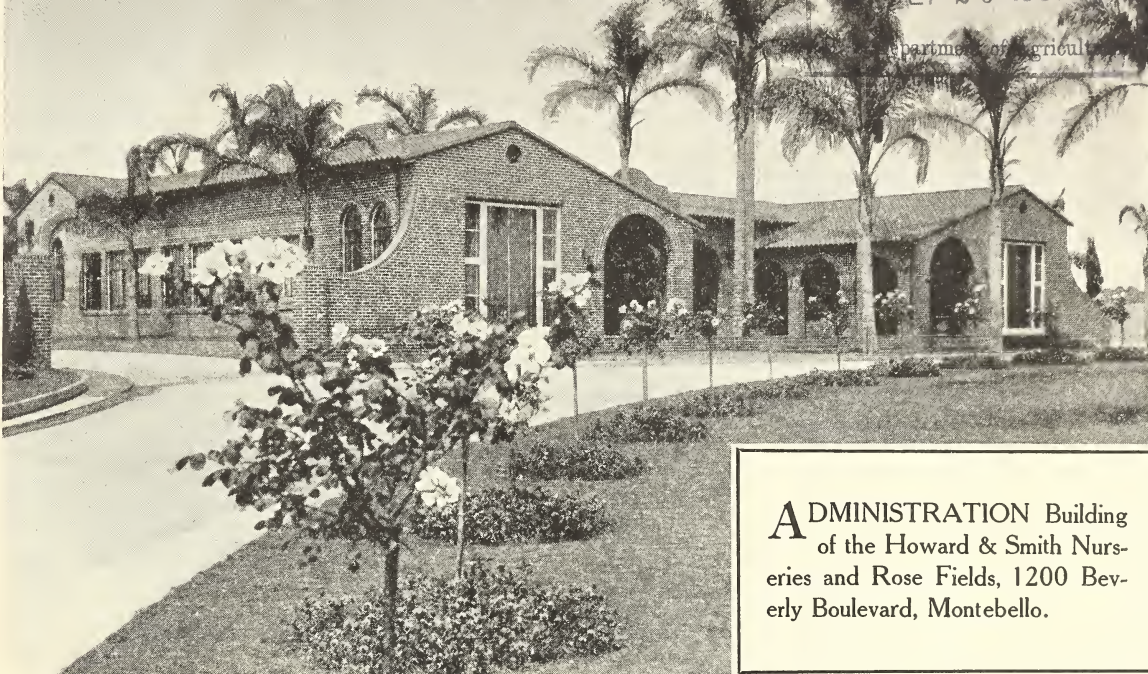
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# What and When to Plant

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SPRING and SUMMER

SEASON of 1931

## Flower Seeds, Plants, Bulbs -- Novelties and Specialties



HIS ISSUE of What and When to Plant is presented with special pleasure because the collection of flower seeds, plants and bulbs incorporated in the following pages is in all respects the finest offered during our long career, and second to none in the world.

While commending for your perusal everything in this bulletin in the belief that you will find it of interest, particular attention is invited to our superb novelties and specialties—the strains of Asters, Cinerarias, Zinnias and many other subjects which have made this firm famous.

Herein will be found the newest, most noteworthy and valuable garden acquisitions, those thoroughly tested and proved of the utmost merit; also the older favorites and later introductions that conform to the high standards of excellence it is our policy to maintain.

We extend to you a cordial invitation to visit our extensive nurseries and see under intensive culture millions of the choicest plants that can be grown. We are located only 30 minutes east from the center of Los Angeles.

Direct City Line  
Telephone Service  
ANgelus 3183

*Howard & Smith*

MONTEBELLO  
CALIFORNIA



## Our Great Stocks of Plants and Seeds Replete With Novelties and Specialties

**T**HIS SEASON finds us able to offer an even greater number of supreme novelties and specialties in flower seeds, plants and bulbs than any previous year in our firm's long career as a producing organization, and we briefly direct your attention to some of them with pleasure and pardonable pride.

In the Dahlia list will be noted more than two dozen outstanding large-flowered decoratives, including the Howard & Smith Star of the East, white as snow; Red Emperor, dark scarlet-red, and W. D. Cartwright, golden-yellow, with blossoms 12 inches across not uncommon; fifteen glorious new large-flowered cactus Dahlias; many pompon gems, such as Chamois-Rose, King George, Scarlet Bugler and the large-flowered Pride of Berlin; numerous innovations of the small-flowered Holland type decorative, and rare subjects in other classes.

Among the Cannas, of which we grow hundreds of thousands annually, may be cited Copper Giant, Frau Dr. Klein, Louis Cayeux, Lyon Rouge and Sungold. And there are plenty of other stunning varieties, both new and standard.

Our comprehensive showing of Chrysanthemums contains impressive groups of novelties of all types, and lovers of the Queen of Autumn will find here everything they could desire.

Blazoning its way through the Gladiolus world as the most dazzling variety ever brought out is Forest Fire, a Howard & Smith production of brilliant scarlet.

In Petunias is conspicuous a new giant peony-flowered double, Shepherd's Pride, laden all summer with beautifully-fringed flowers of distinctive shrimp-pink. Our own strains of Petunias—double fringed, ruffled and fringed giants and single fringed—cannot be excelled.

Lilac Queen, the 1931 novelty Verbena, clear lilac-blue with white eye, stands out as a regal sort.

The great collections of Iris in our grounds embrace so many novelties that we can refer to them here only in general.

Amarcrimun Howardii, a true cross of Crinum-Moorei on Amaryllis Belladonna, is the most remarkable novelty produced by us during three decades of plant cross-breeding.

Richest and loveliest of all Pelargoniums brought out to date, and heading our splendid list, is Miss Edith Cavell, another triumph of the H. & S. Plant Laboratories.

A grand and distinctive new Phlox that holds sway among the acres of these sweet perennials at our Rivera Nursery is Leo Schlageter—light carmine-scarlet with orange reflex.

Elegant beyond compare are the three new giant-flowered Montbretias—His Majesty, Queen Alexandra and Una—of which we have a practically-exclusive stock.

Souvenir, 1931 novelty, tops the Heliotrope list and our customers will find it a magnificent variety of the giant-flowered class, deep lavender-violet.

For mammoth size, model form and surpassing brilliancy and range of colors the H. & S. strain of Giant Amaryllis stands apart as unequalled. Blooms 9 to 10 inches across.

A superb new Hollyhock, lovely and entirely original, makes its appearance in Imperator. It attains a stately height and bears flowers  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches across in fascinating colors and combinations of colors. Double Exquisite is another gem Hollyhock.

The Aster realm is enriched by the sensational 1931 Howard & Smith California Giant Sunshine Strain, indubitably the most beautiful in the world. The flowers are immense, graceful in the extreme, and their dual-tone color effects of exquisite beauty. Other noteworthy Aster acquisitions at this time are the H. & S. New Giant Peony-Flowered Swansdown, a matchless pure white, and Maiden's Blush, an admirable shade of purest shell-pink; also the new singles, H. & S. Giants of California, strikingly-decorative blossoms 4 to 5 inches across in a wide range of mixed colors.

Admirers of Cinerarias almost everywhere are familiar with the H. & S. prize strain—huge flowers in a bewilderingly-lovely array of colors and endless shades. Seed may be sown from July on.

A quartet of Larkspurs of the delphinium or tall type—Carmine King, La France, Los Angeles and Miss California—are charming novelties of special worth.

Among the Scabious appears the H. & S. Improved Azure Fairy, a fine, pure light-blue.

Our new strain of Giant-Flowered Zinnia is now developed to the height of perfection and we invite attention to the list of these.

On the back page of this bulletin, last yet foremost, are described the new double Gerberas, a novelty of utmost interest and merit and a sensational feature in every flower show where we have exhibited them.



## DAHLIAS--Best in All Classes

**T**HE DAHLIA is one of our leading specialties. The collections which we offer consist not only of the best and most up-to-date varieties from all sources, both domestic and foreign, but include a selection of very fine seedlings raised at our Montebello nurseries. We have carefully revised our collection season after season, inferior sorts have been discarded and better varieties substituted in their place. Particular attention has been paid to include only those which possess good stems, flowers of perfect form, and decided clean-cut colors. In other words, we have carefully considered all the points which go to make up a first-class Dahlia. No weak-neck varieties are included in the list submitted and customers purchasing Dahlias from us may depend on getting none but the best. All orders for the many superb novelty Dahlias here listed will be filled with tubers as long as available, and with strong green plants in pots after May 15. These plants will give equally as good results as the tubers. Although it is not generally understood, Dahlias grown from cuttings in the spring, potted on and planted out in May, June or July, flower quite as freely as those grown from tubers.

### Select Large-Flowered Decorative Novelty Dahlias

**RED EMPEROR.** Dark scarlet-red. Large, perfectly-formed flowers on sturdy plants. A variety of regal character. An exact replica of Jersey's Beauty in every respect save color. Very fine. Each, \$1.50; per dozen, \$15.00

**W. D. CARTWRIGHT.** A Dahlia producing enormous flowers of splendid form, in color a deep golden-yellow. The blooms are not only of phenomenal size but carried erect on strong, sturdy stems, and unexcelled for cutting. It is extremely free-flowering and in our opinion one of the outstanding decoratives introduced to date. Twelve-inch blossoms are not at all unusual on disbudded stems, and they are not alone of grand color but of superb form and substance.

Each, \$1.50; per dozen, \$15.00

**ALHAMBRA.** Dark, rich rose-pink, a delightful shade. Large flowers of perfect form borne on the best of stems. Plants of strong growth, erect, 5 or 6 feet tall. A commendable Dahlia for any garden.

Each, \$1.00; per dozen, \$10.00

**BIZARRE.** Stands out as a splendid fancy decorative. The ground color is a deep, rich shade of golden-yellow, handsomely striped and penciled deep scarlet, the effect being bizarre. Flowers of good size, held well erect on perfect stems. A bi-colored variety of much merit. Five feet.

Each, 50c; per dozen, \$5.00

**CROWN JEWEL.** Enormous-sized flowers with long, pointed petals. Bright canary-yellow and a distinct advance in Dahlias of this color. One we can recommend as in every way attractive and satisfactory.

Each, 75c; per dozen, \$7.50

**EL MONTE.** A Dahlia of great beauty. The ground is pure-white daintily overlaid with lavender, deeper toward the edges of the petals, which are more or less reflexed, flat and spreading. The flowers are of large size and perfectly formed and their chaste loveliness is accentuated by informality of build. This is a superb decorative that should be in every customer's garden.

Each, 75c; per dozen, \$7.50

**EMMA GROOT.** Slate-blue and violet and remarkably attractive. The flowers are immense and composed of broad, overlapping petals. This excellent variety is very free-blooming.

Each, \$1.00; per dozen, \$10.00

**ERNEST LUDWIG.** Colossal flowers that glow like live coals, the color being intense crimson-scarlet. Of wonderful form, splendid in stem, and among the best for cutting. The main stems are very long and send forth many laterals, the result being spreading tops and numerous blossoms. Strikingly showy. Height 4-5 feet.

Each, \$1.00; per dozen, \$10.00



W. D. Cartwright, Outstanding Decorative

**FAWN.** An extra-large-flowered 1931 novelty decorative of exquisite coloration—a lovely commingling of fawn and chamois with touches of salmon. The petals are broad, flat and overlapping, building to a flower of superb form and depth. This is a seedling of our own, of the Polar Bear type, and we know of nothing that approaches it in this class. The magnificent blossoms are held aloft on strong, straight stems. Height 6 feet. A gem of the first water among the season's novelties.

Each, \$1.00; per dozen, \$10.00

**FRAU DIREKTOR TUTENBERG.** Very large flowers of a glorious new color effect distinguish this fine Dahlia. It may aptly be designated as extravagantly beautiful. The interior of the petals is rich golden-yellow suffused with Tyrian-rose and the reverse pure Tyrian-rose with markings and pencilings of orange. Splendid stems hold the noble blossoms free over the foliage. The plants grow quite tall, 4-6 feet, and produce abundantly. A grand 1931 novelty. Each, \$1.00; per dozen, \$10.00

**HERA.** True orchid-pink and one of the finest of all decorative Dahlias of this magnificent color. Combines the qualities of robust growth, enormous size flower, strong, wiry stems and wonderful keeping properties. Every blossom comes perfect, they are produced in abundance, and splendid for cutting and all purposes. Each, \$1.00; per dozen, \$10.00



**JANE COWL.** Giant decorative novelty, with deep, massive flowers of bronzy-buff and old-gold blending darker toward the perfect center. Broad petals with just enough twist to lend that touch of refinement often lacking in the larger Dahlias. A wonderful exhibition variety that will delight every lover of the superlatively-beautiful in Dahlias. Height 5-6 feet. Each, \$1.50; per dozen, \$15.00

**JOHN WATERHAGEN.** Deep blackish-maroon, a color of extreme richness. Perfect flowers of good size with excellent stems. A tall-growing variety worthy of a place in any garden.

Each, 75c; per dozen, \$7.50

**LA HABRA.** This is a distinct novelty Dahlia of moderate size—a Howard & Smith seedling of our well known Polar Bear race. The ground color is golden-yellow and the edges of the petals are more or less margined and stained with soft salmon-pink, the effect being charming. This sort can be grown to very large size by the disbudding process but naturally it produces an abundance of flowers 4-5 inches in diameter, the ideal size for general cutting purposes; and they have good stems and keeping qualities. Height 5-6 feet.

Each, \$1.00; per dozen, \$10.00

**MADAME A. BREULS.** Exquisite shade of deep, lively rose-pink. Large flowers of handsome form held boldly erect on strong stems of exceptional length. A tall, vigorous grower, floriferous, and a splendid variety in every sense.

Each, \$1.00; per dozen, \$10.00

**MR. CROWLEY.** Salmon-pink of a glorious shade with petals golden-yellow at the base. Handsome exhibition flowers of large size and fine form borne on stout stems. Plants of very compact habit of growth and generous bloom production.

Each, 50c; per dozen, \$5.00

**POTTER PALMER.** Dark violet-purple, a magnificent shade. A flower ideal as to form, with flat petals beautifully arranged. One of the very finest of its color.

Each, 75c; per dozen, \$7.50

**NAGEL'S IDEAL.** Lovely deep-lilac, a pure, even shade. Flowers of splendid size and commendable in all respects, supported by good stems. Vigorous, tall-growing, floriferous plants—6 feet. An elegant sort.

Each, \$1.00; per dozen, \$10.00

**PANORAMA.** Dark orange-terra-cotta. Large flowers of splendid form and substance. Among the best Dahlias of its color.

Each, 75c; per dozen, \$7.50

**PRESIDENT WILSON.** Rich, glowing scarlet—one of the most intensely-brilliant Dahlias extant and one of the best in our great collection. The gorgeously-colored flowers are large, ideal as to form, long-stemmed and borne in profusion. Medium height.

Each, 75c; per dozen, \$7.50

**SALMONEA.** A particularly-beautiful shade of pure salmon overlying a golden ground. Broad, deeply-channeled petals building into a flower of splendid form and texture, with fine stems, and particularly valuable for cutting. Lovely and meritorious.

Each, \$1.00; per dozen, \$10.00

**THOMAS WANT.** An extra-large-flowered reflexed decorative. The petals are long and narrow, building to a splendid blossom of great depth and size. The color is quite apart from the ordinary—a primrose ground overlaid with salmon—and presents an effect that attracts comment. Medium height and free-blooming.

Each, \$1.00; per dozen, \$10.00

**WESTERN BEAUTY.** Another Howard & Smith novelty, a Montebello hybrid seedling. Belongs to our celebrated Polar Bear class. Distinguished by a strikingly-handsome combination of colors, a soft primrose-yellow ground overlaid with salmon and soft pink. The petals are very broad, deeply-channeled, and built into a flower of exceeding grace-



**Hera, One of the Finest Pink Decoratives**

fulness and fine size. Has elegant stems, is a good keeper, and glorious for cutting purposes.

Each, 75c; per dozen, \$7.50

**WHITTIER.** One of our Montebello seedlings of the Polar Bear race. An intense, glowing shade of orange-scarlet that blazons its claim to instant notice and certain admiration. As is common with seedlings of the Polar Bear crosses this is characterized by flowers of splendid form and good size with long, rigid stems, and has special cutting value. Five to 6 feet. Each, \$1.00; per dozen, \$10.00

**ZAUBERIN.** A wonderful flower impressive in size, of superb form, and glorious in its rich shade of deep lemon-yellow. The color alone would commend this variety but it has all the other good points of a first-class Dahlia and is therefore an important acquisition to the list. Irresistibly pretty.

Each, \$1.00; per dozen, \$10.00

#### FINE LARGE-FLOWERED DECORATIVES

**CHAMPAGNE.** One of the largest Dahlias in cultivation and a model from any point of consideration. Gigantic flowers of perfect formation on long, rigid stems. The beautiful color is difficult of description and best set forth by the originator as "delightful in warm autumn shades, varying from burnished-copper to dull old-champagne and chamois." A magnificent variety.

**FLAMING METEOR.** An immense decorative of intense orange-scarlet of a fiery brilliancy that suggested the name. Narrow, channeled, reflexing petals building to a flower of great depth and size.

Each, 50c; per dozen, \$5.00

**FRAU NINA BIAGOSCH.** A first-class new variety. Medium-large, beautifully-frilled flowers an unusual shade, uniform burnt-orange-amber, described by the originator as resin. The blossoms are borne on remarkably-straight, long, clean stems and ideal for cutting, making a lovely display. Height 5-6 feet. Prolific bloomer.

Each, 75c; per dozen, \$7.50

**JERSEY'S BEAUTY.** Holds its position as one of the most remarkable modern decoratives, the finest of its color and the best all-around Dahlia of any yet introduced. Flowers of great size, 6 to 7 inches across when disbudded, and a wonderful, uniform, rich, true rose-pink. Has rigid stems that hold the beautiful blooms erect, and perfect keeping



**RESPLENDENT NEW WHITE****STAR OF THE EAST.** Howard & Smith, 1931.

A giant-flowered novelty decorative Dahlia of supreme worth and absorbing interest. Flowers of resplendent white, pure as snow and of beautiful form, with perfect centers. The petals are artistically fluted and this characteristic accentuates the graceful appearance of the blossoms. We are pleased to recommend this lovely new variety to our customers with full confidence that it will give grand results and prove eminently satisfactory. It is a white gem.

Each, \$1.00; per dozen, \$10.00

qualities, lasting several days in the cut state. For decorative effects in large vases, especially under artificial light, this faultless Dahlia is unexcelled. Early and free-flowering, continuing at its best until the end of the season.

Each, 50c; per dozen, \$5.00

**JUDGE MAREAN.** Very large flower of perfect decorative shape, the color changing as the subject passes through different stages of development. The general effect is a combination of glowing salmon-pink, red, iridescent-orange, yellow and gold, most harmoniously blended. Decidedly beautiful and interesting and a happy acquisition.

Each, 50c; per dozen, \$5.00

**KITTIE DUNLAP.** Large-flowered, handsome and unique as to color, which is almost identical with that of the American Beauty rose. An admirable Dahlia with no weak points. Blooms early and is perfection throughout the season. Long, stiff stems.

Each, 50c; per dozen, \$5.00

**PRINCESS PAT.** Immense blossoms of perfect form and showing great depth, the center being high and full. The color is one much sought after, a pleasing shade of old rose. Shows up beautifully in artificial light. Splendid stems.

Each, 50c; per dozen, \$5.00

**Choice Large-Flowered Cactus Dahlia Novelties**

**ABBOTSFORD GIANT.** Flowers of gigantic proportions, a lovely old-fashioned shade of crushed-strawberry-rose. A very tall grower, attaining a height of 7 feet, and bearing its immense blossoms on stems of great length and strength. One of the choice sorts.

Each, 75c; per dozen, \$7.50

**ANDREAS HOFER.** Ranks high among the loveliest cactus Dahlias in existence. Very large blossoms, a pure pale-salmon shade, marvelously opalescent. For softness of tone there is not another pink Dahlia of a shade approaching this. The flowers are of ultra-refined cactus form. A veritable beauty by all the standards applicable in judging Dahlias of this class, the blooms having faultless contour, beautifully-quilled petals, and perfect stems. Height 4 to 5 feet.

Each, 75c; per dozen, \$7.50

**ARCHIBALD.** Perfectly-formed flowers of exceedingly-large size with incurved petals irregularly twisted and curled—a distinctly-beautiful effect. The color is true peachblossom-pink, fascinating in a bloom of this type. The petals are exceedingly fine-quilled, presenting a needle-like appearance. Excellent stems. A tall grower.

Each, 75c; per dozen, \$7.50

**BORDER KING.** Rich crimson-maroon-scarlet. Flowers of perfect cactus form and dashing beauty, their magnificent color setting them out conspicuously. Desirable from every point of view.

Each, 75c; per dozen, \$7.50

**President Wilson, Intensely-Rich Scarlet**

**PURPLE KING.** Purplish-crimson-maroon, a color conspicuously rich and effective. Flowers extremely large, the petals beautifully reflexed. A highly-commendable variety in the none-too-long list of this desirable color section.

Each, 75c; per dozen, \$7.50

**ST. FRANCIS.** Among the largest of blossoms, exceedingly free, and charming color—a delicate shade of soft-cream flushed with pink on the outer portion of the petals. An excellent addition, in point of color and otherwise, to the list of decorative Dahlias.

Each, 50c; per dozen, \$5.00

**E. S. JACKSON.** A magnificent variety, the large, handsome flowers being a matchless shade of rosy-shrimp, with long curled and interlaced petals distinct from other sorts. We know of no more strikingly-beautiful Dahlia of this class, its gracefulness being inimitable. In addition to all other good qualities it is a very free bloomer. Grows 5 to 6 feet tall.

Each, 75c; per dozen, \$7.50

**FLORA TRESEDER.** Delicate primrose-yellow, with moderately-large blossoms reared boldly erect on stems of gunrod stiffness. Flowers abundantly and grows 6-7 feet tall. A variety that is certain to ariety of special merit. grows 6-7 feet tall. A v

**GASTON CLEMENT.** Of recent introduction and a splendid variety. The color is a dark scarlet-red, warm and vivid, and the flowers, of medium size, are of model form and held on good stems. Unlike many cactus Dahlias this one is a fine keeper when cut and especially recommended for that purpose.

Each, 75c; per dozen, \$7.50

**GIANT KRIEMHILDE.** Has a secure position among the most magnificent large-flowered cactus Dahlias. Blossoms attain a diameter of 8 inches and over and are gloriously colored—soft salmon-rose at the base of the petals, graduating to pure-white tips. Impressive not only as to size and remarkable beauty but having all the points that make up a first-class Dahlia. Height 6 feet.

Each, 75c; per dozen, \$7.50



**HARRY STREET.** Distinguished by striking color—a rare shade of wine-crimson. The flowers are enormous and their form perfection itself, full double to the center. Plants send out many lateral branches and a correspondingly large number of blooms, all with strong stems. Height 5-6 feet.

Each, 75c; per dozen, \$7.50

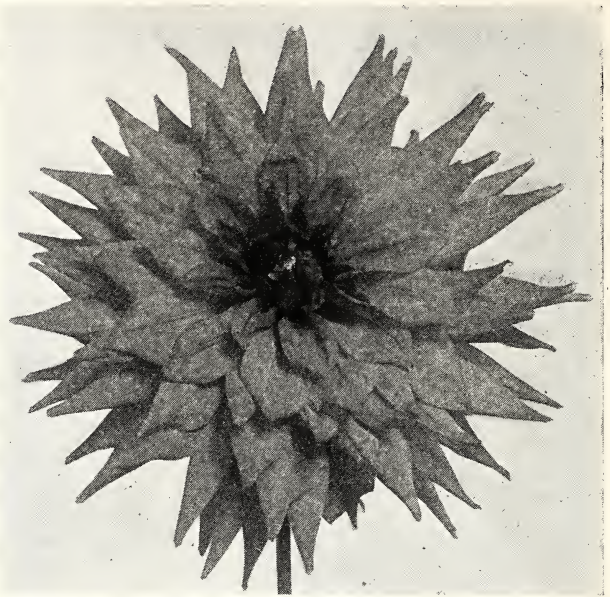
**JEAN CHAZOT.** Considered one of the best all-around varieties yet introduced. The color is golden-bronze with a faint touch of nasturtium-red—lovely autumn tints for a cut-flower, to which purpose it is admirably adapted. A free, upright grower with long, wiry stems, the blossoms are held well above the foliage to display their full beauty. A very prolific bloomer, beginning early and continuing late.

Each, 75c; per dozen, \$7.50

**MADAME DIESNY.** This fine Dahlia of good size is composed of petals of moderately-loose arrangement and peculiar beauty. It is a charming shade of amaranth-pink that imparts to it an air of individuality. A very free producer, with strong stems, this is rated a wonderful exhibition and garden variety.

Each, 75c; per dozen, \$7.50

**MARY MURRAY.** An immense-flowered cactus Dahlia of the utmost perfection in form and substance. The blossoms are a distinctive shade of burnt-orange, handsome in the extreme, and held well above the foliage on elegant stems. The petals



Gaston Clement, Vivid-Red Cactus Dahlia

the tips, which display considerable white. This note provides a delightful contrast to the general color and the effect is stunning. An exceedingly fine cactus Dahlia producing an abundance of blooms on splendid stems. Height 6 feet.

Each, 75c; per dozen, \$7.50

### NEW ANEMONE-FLOWERED DAHLIAS

A most distinct and beautiful type and one of the remarkable breaks of modern times in cultivated plants. Flowers small, 2 to 3 inches across, with cushiony centers similar to a double pyrethrum and composed of tubular petals. This disk is surrounded by a row of brilliant outer-guard petals, usually of a different color than those in the center, and occurring in many fine shades of marked variation. Plants are of dwarf habit, (3 feet) much branched, and the blossoms borne well above the foliage on strong, wiry stems, presenting a bouquet-like effect. For basket work or any purpose requiring choice cut-flowers, they are unrivaled. Their keeping qualities are first-class. The range of colors extends from purest white through the shades of rose, pink, orange, bronze, carmine, purple, yellow crimson etc., and the bi-color effects are fascinating. Mixed. Each, 35c; per dozen, \$3.50

are gracefully quilled and tapering. As to size the blooms are on a par with the largest-flowered chrysanthemums and equally beautiful. Plants tall and sturdy—5 to 6 feet—and productive of many huge blossoms.

Each, \$1.00; per dozen, \$10.00

**NEPTUNE.** Large, lovely and effective flowers of unsullied whiteness, splendid in form—a fine cactus type. A tall grower, with the important advantage of good, rigid stems which hold the blossoms well above the foliage. An admirable white variety in every respect.

Each, 75c; per dozen, \$7.50

**SILVERHILL PARK.** Snow-white flowers of medium size and graceful but informal build. Borne on excellent stems, good keepers, and recommended for cutting purposes. Height 4 feet.

Each, 75c; per dozen, \$7.50

**VIRGINIA.** Flowers of large size with long, needle-like petals curiously twisted and interlaced and bifurcate at the tips, giving the whole a very charming effect. Color is an even shade of rich rosy-lavender, markedly beautiful in any light. Plants grow 5 feet tall and bloom freely.

Each, 75c; per dozen, \$7.50

**WAVERLY.** Soft rose-pink. Flowers more or less recurving. The long, needle-petals are spatulate at

### MINIATURE-FLOWERED CACTUS DAHLIAS

#### Five Grand Novelties

**BONFIRE.** The most intense shade of reddish-scarlet imaginable, catching the eye in a flash. Plants of neat, compact form, producing a wealth of brilliant flowers on splendid stems. A fine little cactus subject.

Each, 75c; per dozen, \$7.50

**GARDEN LOVE.** This charming small-flowered Dahlia bears resemblance to a zinnia in size and build. Its color is pure lilac-rose and the plants, which grow about 3 feet high, form veritable mounds of blossoms. Makes a splendid border for taller-growing kinds.

Each, 50c; per dozen, \$5.00

**MRS. E. LOWES.** Soft primrose-yellow. Flowers possess every quality to make them lovely cut subjects. The petals, quite narrow, are nicely quilled and the effect daintily artistic. Height 4 feet.

Each, 50c; per dozen, \$5.00

**SCHLAGETER.** A dashing brilliant soldier-scarlet of glorious beauty. The miniature flowers have wonderful stems, are borne in profusion, and admirable for cutting.

Each, 75c; per dozen, \$7.50

**SNOWDRIFT.** Compact little flowers of neat form beautifully poised on strong, rigid stems. Snow-white and remain so under all conditions. A variety of great freedom and ideal for cut-flower purposes. This immaculate gem must be seen for a full appreciation. Height 4 feet.

Each, 75c; per dozen, \$7.50

### SMALL-FLOWERED SHOW DAHLIA

**FRIDERICUS REX.** An elegant ball-shaped Dahlia of the small-flowered show class in a gorgeous, pure, deep golden-bronze shade, even throughout the blossom. Beautiful in form and contour, with strong, wiry stems and splendid as a cut subject, presenting an unique effect on account of its color.

Each, 75c; per dozen, \$7.50



## Pompon Dahlias, the Graceful Little Formal Type

There is a constant and growing demand for this elegant class of small-flowered Dahlia. They are in reality miniature forms of the large-flowered show type. Although absolutely formal in shape, there is a grace and beauty about them which makes them splendid subjects for decorative effects of all kinds, being equally valuable for a show in the garden or as cut flowers. The stems are strong and wiry and the colors charmingly bright and fresh. They have the additional advantage of outlasting, insofar as keeping qualities are concerned, almost any other type of Dahlia. They will give a constant succession of cut flowers from early summer until late autumn.

### GEMS OF THE POMPON CLASS

**CHAMOIS-ROSE.** Stands out as a marvelously beautiful new pompon, by all odds one of the loveliest bi-colored Dahlias of this type ever introduced. The flowers are of incomparable form and the fine tones and graduations of color from chamois to salmon-rose reveal in this novelty an accentuated elegance to be found in no other variety. One of the gems of our great collection and recommended accordingly. Each, 50c; per dozen, \$5.00

**KING GEORGE.** An exquisitely-formed small-flowered sort, handsomely bi-colored. The ground is yellow-orange and the tips of the petals are margined crimson-scarlet—an attractive effect. Each, 50c; per dozen, \$5.00

**SCARLET BUGLER.** Our own seedling and a 1931 novelty of magnificent character. Large-flowered pompon type of gorgeous color—an intense, glowing orange-scarlet shade, so bright and rich that the individual blooms suggest balls of fire. The petals are more or less flattened, building to a perfect, full, double blossom of impressive proportions in all respects distinctive and displayed to special advantage from the fact that the plant is a tall grower. Par-excellent for use as a cut-flower, having good stems and superior keeping qualities. (Plants.)

Each, 75c; per dozen, \$7.50

**ADELA.** Crimson, a pure, deep shade, rich and effective. Moderate-sized flowers of splendid form. Each, 35c; per dozen, \$3.50

**AIMEE.** An elegant pompon of a fine bronzy autumn tint. Flowers freely borne on long stems. Each, 35c; per dozen, \$3.50

**AMBER QUEEN.** Bright golden-amber, a beautiful shade. Of fine form and habit and a pompon of distinction. Very fine for cutting. Each, 35c; per dozen, \$3.50

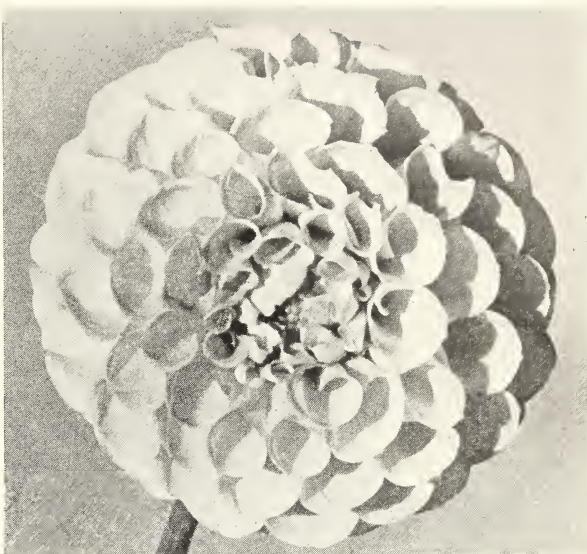
**ARTHUR WEST.** Glowing tone of crimson that makes a pretty display. The more attractive because unusually floriferous. Each, 35c; per dozen, \$3.50

**DANDY.** Daintily-beautiful flowers of charming form and exquisite color, a uniform shade of orange-amber, markedly rich. The petals are very much quilled and densely set. Stems strong and upright. Each blossom indeed a dandy. Each, 75c; per dozen, \$7.50

**DEE-DEE.** One of the handsomest small-flowered pompons and not excelled in this particular color, uniform rich lavender. Each, 35c; per dozen, \$3.50

**EUNICE.** Characterized by its delicate coloring—soft lavender shading to pink, with a reflex of white at the base of the closely-set tubular petals. An appealing pompon. Each, 35c; per dozen, \$3.50

**FLORA.** Canary-yellow, a bright, golden shade and distinctly pretty. Each, 35c; per dozen, \$3.50



Pride of Berlin, Large Rose-Pink Pompon

### NEW LARGE-FLOWERED POMPON

**PRIDE OF BERLIN.** An exquisite new large-flowered pompon, one of the finest of this class ever introduced. Pure rose-pink, with flowers about 2½ to 3 inches across. Splendid keeper and glorious for cutting. Its value may be judged from the fact that it is the leading commercial variety on the European markets. Each, 75c; per dozen, \$7.50

**GUIDING STAR.** A pompon of strong individual character that holds its place as an ideal white. With its closely-set petals beautifully imbricated at the tips the flower has a fine fringed appearance. Profuse in bloom, with long stems, and of exquisite effect when cut. Each, 35c; per dozen, \$3.50

**KIM.** A lovely variety, orange-buff in color. Bears profuse masses of bloom during the entire season, and splendid stems and good substance make the flowers among the best of this color for cutting. Each, 35c; per dozen, \$3.50

**MYRA.** One of the large-flowered types, a rich violet-crimson shade, with blossoms perfectly full and rounded. Each, 35c; per dozen, \$3.50

**PHYLLIS.** A variety of quality with ground color deep, rich yellow heavily shaded red. Among the freest bloomers. Each, 35c; per dozen, \$3.50

**ROSEA.** Brilliant, velvety shade of rosy-crimson that shows particularly well in artificial light. One of the largest of the pompons. Each, 35c; per dozen, \$3.50

**SNOWBALL.** A very small-flowered pure white pompon with petals tubular in character and densely set. Dainty. Each, 35c; per dozen, \$3.50



## Novelties in Small-Flowered Holland Decorative Type

These varieties might be regarded as a new class in decorative Dahlias. While more or less miniature or middle-size, the blossoms attain a diameter of 4 to 5 inches when grown under natural conditions and not subjected to disbudding. For cut-flower purposes they are of great value. Their keeping qualities are remarkable and the flowers come far above the foliage on thin, wiry stems. There is a grace and delicacy about this intermediate-size class of decorative Dahlia which appeals to everyone. Among the many thousands of Dahlias which we grew at our Montebello Nursery during the past season none elicited more expressions of admiration from those who saw them than these new Holland types. The matchless novelty set we offer embraces a magnificent selection of colors, all beautifully bright and fresh.

**BESCHIEDENHEIT.** Dark Tyrian-rose, stained dark maroon-crimson at the base of the petals—a color of extreme richness and warmth yet subdued, hence the name, which may be translated “modesty.” One of the beautiful novelties of the 1931 season and in particular a lovely and valuable cutting variety because of its splendid flowers of glorious shades and elegant stems. A strong grower of top-spreading habit, very free-flowering. Recommended  
Each, 50c; per dozen, \$5.00

**CLOWN.** One of the daintiest of small-flowered decoratives. The blossoms, averaging 3 to 4 inches across, have a ground color of pure vermillion-red and each petal is tipped pure white. A free bloomer and attractive for cutting purposes.  
Each, 50c; per dozen, \$5.00

**FRAU FRIEDA FALCKENHAGEN.** A beautiful novelty of unusual coloration—a delicate suffusion of salmon on a yellow ground. Grows about 5 feet tall and makes a glorious display the season through. Flowers of splendid size and form borne on perfect stems, and ideal for cutting purposes. First offering.  
Each, 50c; per dozen, \$5.00

**FRAU LOTTE HEITMANN.** A pure, soft shade of salmon-rose, this marvelous blend resulting from bright pink on a salmon ground. The plant is of vigorous, compact growth, about medium tall, and an early bloomer. It is so floriferous that the foliage is almost hidden by beautiful, lasting blossoms until late in the season. A novelty of 1931 that is a lovely cut-flower, having strong, wiry stems and being especially effective in artificial light.  
Each, 50c; per dozen, \$5.00

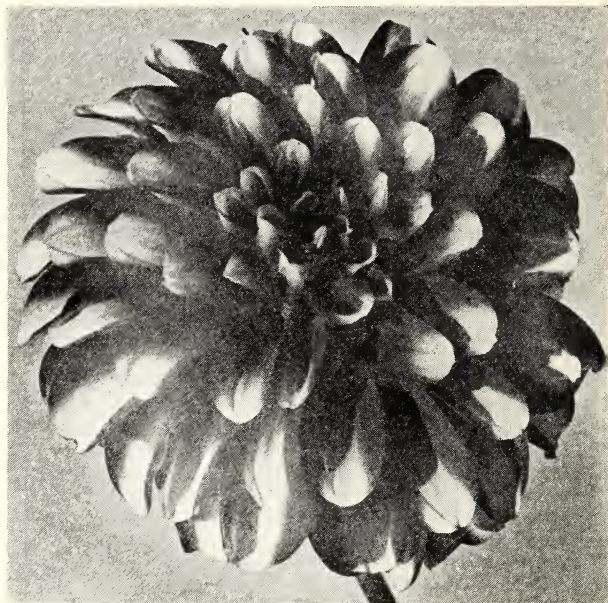
**JOHN KINGDON SMITH.** Fascinating shade of soft, luminous scarlet, the blossoms forming an extraordinarily-brilliant color effect en masse. Petals of great substance. A good Dahlia for every purpose.  
Each, 50c; per dozen, \$5.00

**JOHN MORLEY.** A novelty this year, distinct from all others in its class, and one of the finest varieties extant for cutting purposes. The ground color is deep golden-yellow, merging to intensely-rich scarlet—beautiful and interesting. This outstanding Dahlia was raised by the distinguished Superintendent of Parks of San Diego, for whom it is named. We recommend this premier novelty as one that should be in every collection, large or small.  
Each, 50c; per dozen, \$5.00

**LIDDY KOOPMANN.** This 1931 novelty is featured by a wonderfully-beautiful combination of colors—a chamois-yellow ground flushed soft salmon-pink, strikingly effective, particularly in artificial light. The flowers are of informal build, about 4 inches across, and admirably adapted for cutting purposes. Truly an exquisite new variety.  
Each, 50c; per dozen, \$5.00

**MARSDEN.** Primrose suffused with deep-orange in medium-sized flowers handsome as to form as well as color. Grand for cutting purposes, having good stems and fine keeping qualities.  
Each, 50c; per dozen, \$5.00

**ORIOLE.** A small-flowered, long-stemmed variety that is particularly useful for cutting. The color is bright amber-yellow. A vase of these blooms is very beautiful.  
Each, 50c; per dozen, \$5.00



Prins Carnaval, Holland Decorative Gem

**PRINS CARNAVAL.** One of the most striking varieties, with flowers about 4 inches across. The principal ground color is a rich maroon-crimson, and each petal is daintily tipped with white, presenting a lovely contrast. Elicits admiration and praise wherever grown. Excellent for cutting.  
Each, 50c; per dozen, \$5.00

**SCARLET GLOW.** The most intense pure scarlet and of extraordinary brilliancy. Comparatively dwarf. Extremely floriferous. The blossoms have good stems and make a rich show both on the plants and when cut.  
Each, 50c; per dozen, \$5.00

**SONNE IN HERZEN.** Bright-scarlet with a golden center—wonderful contrasting colors in a magnificent medium-sized flower. Particularly fine for cutting purposes.  
Each, 50c; per dozen, \$5.00

### OTHERS OF THE HOLLAND TYPE

**ARTIS.** Rich shade of fiery-orange and a splendid medium-sized decorative. A gem for cut-flower work, having the best of stems. Four feet tall.  
Each, 50c; per dozen, \$5.00

**ELTA.** Delightful soft salmon-pink in a lovely, compact flower held rigidly erect on strong, wiry stems. A choice variety in every way.  
Each, 35c; per dozen, \$3.50

**GLOWING STAR.** Bright crimson—a beautiful, clear and decided color. Blossoms of model form, averaging about 5 inches in diameter, with perfect stems. Splendid cut-flower subjects.  
Each, 35c; per dozen, \$3.50



**JOHN MENSING.** Vermillion-crimson of an exceedingly-brilliant shade. Medium-sized flowers, with petals somewhat pointed at the tips, produced with great freedom from beginning to end of the Dahlia season. Splendid keeper and ideal for all cutting purposes. A choice variety.

Each, 35c; per dozen, \$3.50

**MENNY CARLEE.** Snow-white and elegant, without a blemish to mar it at any stage. Blossoms 4-5 inches across. Has proved itself the best decorative white of middle size thus far offered, than which it needs no higher recommendation.

Each, 35c; per dozen, \$3.50

**MR. DIX.** Bright, rich rose-pink, a fine shade that lights up well under artificial illumination and makes the variety very desirable for cut-flower purposes. The plants produce masses of bloom, held well above the foliage on strong stems.

Each, 50c; per dozen, \$5.00

**RAYONNANTE.** Glistening canary-yellow. One of the daintiest of its class. A splendid cut-flower, having good stems and keeping qualities.

Each, 50c; per dozen, \$5.00



Clown, a Dainty Small-Type Decorative

### ZINNIA-FLOWERED DAHLIA

**APOLDRO.** An enchanting type which originated in Holland and has been relatively referred to as the zinnia-flowered Dahlia because of its resemblance to that subject. Surrounding a central yellow disk are 2 to 3 rows of outer-guard petals of a vivid crimson-scarlet and presenting a beautiful contrast. There is a grace and delicacy about this Dahlia not possessed by any other, large or small, and no garden, whatever its extent, should be without it if for no other purpose than cutting. It cannot be excelled in this respect. In artificial light a bouquet of Apoldro fairly glows with loveliness. The blooms on non-disbudded plants average about 2 inches in diameter. Of free, compact growth and exceedingly productive.

Each, 75c; per dozen, \$7.50



Apoldro, Fine Zinnia-Flowered Dahlia

### SMALL-FLOWERED SEMI-DOUBLE DECORATIVE Three Little Gems

**D'INGAMELS.** This handsome Dahlia, so brilliant that it is almost iridescent, is arrayed in a color scheme difficult of description—vivid orange-red which takes on a lovely salmon suffusion as the flowers develop. They are about 3 inches across, with stiff, erect stems, and nicely poised above the foliage. Height 4 feet. Each, 75c; per dozen, \$7.50

**IRMA.** A superlatively-beautiful miniature-flowered semi-double decorative with a color combination of wonderful effectiveness. At the center of the flower is a corona of velvety maroon-scarlet, perfectly circular in form. The exterior portions of the petals are a warm shade of orange-rose. Produces an endless succession of bloom all season. The flowers are exceedingly-graceful cut subjects. Height 5 feet. Each, 75c; per dozen, \$7.50

**PINK PEARL.** An entrancing shade of pure, deep peach-blossom pink. Flowers absolutely perfect in form and about 2½ inches in diameter. When not disbudded the blossoms are borne in dainty sprays. They are held rigidly erect on thin, wiry stems and are charming cut subjects, especially valuable for table decoration. Each, 50c; per dozen, \$5.00

### A SEMI-DOUBLE NOVELTY

**STAR OF INDIA.** Although belonging to the small-flowered semi-double class this novelty presents one of the most useful of all Dahlias judged by its value for cutting purposes. We doubt that it has an equal. We sent large quantities to the Los Angeles wholesale flower market the past year but were unable to supply the demand, a fact that speaks volumes for its merit. A magnificent shade of brilliant orange-scarlet in moderate-sized flowers, with fine stems. It elicited encomiums from many of our customers during the past season, which goes to prove that size is not everything in blossoms. Star of India is extraordinarily free in bloom over a very long period, yielding a constant succession of perfect flowers. Its refinement and utility place this novelty in the front rank both as a garden and cut subject.

Each, 75c; per dozen, \$7.50



### NEW GIANT-FLOWERED SINGLE DAHLIAS

This is a great new strain of mammoth-flowered singles, bearing blossoms 7 to 8 inches across without disbudding, and important because of the certain return of the type to popularity for cutting purposes. The range of bright and charming colors is wonderful, including not only splendid selfs but many beautiful and bizarre bi-color effects. As cut subjects they are particularly valuable, having good stems and being highly attractive in large bowls for interior decoration and similar uses. Vigorous plants, attaining a height of 5-6 feet, and free-flowering. Mixed colors, from pure white through all the shades of pink, yellow, orange, red, crimson, carmine, scarlet, etc., with lovely combinations.

Each, 35c; per dozen, \$3.50

### SMALL-FLOWERED DECORATIVE DAHLIAS Novelties of Distinction

**BIG BEN.** Burnt-orange with a suffusion of gold—a blend of wondrous richness. Flowers of refined form and splendid texture, beautiful and lasting cut subjects. Each, 75c; per dozen, \$7.50

**IRENE.** A lovely decorative of the miniature class, with flowers 2 to 3 inches in diameter. An exquisite shade of pure old-rose. The blossoms are especially adapted for cutting, dainty and lasting. Each, 50c; per dozen, \$5.00

**RAPALLO.** A fancy small-flowered decorative of distinctiveness, with a fetching array of color contrasts. The handsome blossoms are composed of broad, over-lapping petals, the ground a fine shade of crimson-maroon, and each petal bordered with golden-yellow. A superb Dahlia.

Each, \$1.00; per dozen, \$10.00

**TOPLIGHT.** Brilliant, clear canary-yellow. Beautifully-reflexed petals, full centers, and fine stems holding the flowers gracefully above the foliage. Good keepers and showy for cutting purposes.

Each, \$1.00; per dozen, \$10.00

**VERUNA.** Purplish-rose, a warm, lovely color that is the more effective in artificial light. Splendid flowers, good stems, strong keeping qualities and an ideal variety for cutting.

Each, 75c; per dozen, \$7.50

### ROSETTE-FLOWERED DAHLIA

**ROSETTA ROSCHEN.** Daintily-beautiful, one of the finest of all small-flowered varieties, and preeminently adapted to cutting purposes. The blossoms are an exquisite shade of pure, vivid deep-rose, and as pretty in form as in color, full-centered and dense. The plants are of compact growth, sturdy, and produce veritable sheets of bloom throughout a long season. Height 3 feet or over.

Each, 50c; per dozen, \$5.00

## CANNAS--for Constant Color

FOR RICH sub-tropical effects in the summer garden, and for a long-continued display of bright color, we know of nothing more effective than Cannas. They bloom without intermission from early summer until winter frosts come. The mass of color which they produce is constant. The trusses of bloom follow each other in rapid succession, so that at no time is the plant or bed devoid of flowers. Splendid effects may be obtained by using them in conjunction with ornamental grasses, caladiums, etc. In borders, they make splendid background plants and they are equally valuable for planting in lawns or other open areas.

### FIVE HANDSOME NOVELTIES

**COPPER GIANT.** Madder-red suffused with rose. An immense flower on a very vigorous plant. Height 4 feet.

Each, 50c; per dozen, \$5.00

**FRAU DR. KLEIN.** A free grower with tall, erect stems supporting great trusses of large, well-formed, substantial flowers, glossy carmine-red. Height 5 feet.

Each, 50c; per dozen, \$5.00

**LOUIS CAYEUX.** A strong, vigorous, giant-flowered variety, different from all others. Blooms of coral-red deepening to rosy-scarlet—a two-tone effect. Height 4 feet.

Each, 50c; per dozen, \$5.00

**LYON ROUGE.** A distinct and fine French introduction. Very large flowers of good, round form in immense trusses. The color is a deep, glowing red.

Each, 50c; per dozen, \$5.00

**SUNGOLD.** Chinese-orange overlaid with a touch of fiery-scarlet and set off by a narrow golden-yellow border. Dazzling and free-flowering. Height 4½ feet.

Each, 30c; per dozen, \$3.00

**ALFRED MAUTHER.** Deep crimson. One of the best.

Each, 25c; per dozen, \$2.50

**AMBASSADOR.** A superb new bedding Canna with flowers of gigantic size—one which will rank with the variety, Mrs. Pierre S. du Pont, in vigor of growth, size of truss, etc. Foliage rich dark bronze. It is a variety which cleans nicely in the truss. As soon as the flowers are spent they drop to the ground. In our trials of the past season this Canna gave one of the most brilliant stretches of color of any in the field. It is a full rich crimson, very fine indeed.

Each, 25c; per dozen, \$2.50

**AMERICAN BEAUTY.** A splendid hybrid of our own production. Color a deep carmine-rose of a particularly pleasing and unique shade. Size of both trusses and individual flowers enormous, with the advantage that it cleans nicely in the truss.

Each, 25c; per dozen, \$2.50

**BALTIMORE.** A marked improvement in the dark-pink colored section of Cannas. The immense broad-petaled blooms and gigantic trusses are borne well above the foliage and it is strictly an all-season bloomer. Height 4 feet.

Each, 25c; per dozen, \$2.50

**BRIGHTNESS.** Richest orange-scarlet. Flowers of magnificent size and intensely brilliant color. One of the finest bedding Cannas extant, a production of our own.

Each, 25c; per dozen, \$2.50

**CHARLES LUTZ.** A lovely shade of pure yellow.

Each, 20c; per dozen, \$2.00

**FIREBIRD.** Intense bright-scarlet. Huge flowers, 8 inches across being quite common.

Each, 25c; per dozen, \$2.50

**FURST WEID.** Dark scarlet-red, with the rich sheen of the costliest velvet.

Each, 25c; per dozen, \$2.50

**GOLDEN GATE.** Soft straw-yellow merging to amber in outer third of petals. Peach-red throat, with buds and lower exterior of petals the same shade. Medium-size flowers, dainty and lovely.

Each, 25c; per dozen, \$2.50

**GOLDEN WEDDING.** A very dwarf bedding Canna, brilliant canary yellow in color. Trusses neat and compact. Blossoms of large size and splendid form. A fine variety for a low border.

Each, 25c; per dozen, \$2.50

**GUSTAV GUMPHIER.** Deep, rich golden-yellow without a trace of any other color. One of the finest yellow Cannas in cultivation.

Each, 25c; per dozen, \$2.50

**HERZOG VON OTRANTE.** Yellow, with center of bloom deep brownish-crimson.

Each, 25c; per dozen, \$2.50

**HUNGARIA.** An ideal bedding sort. Large flowers, beautiful clear-rose, freely produced in good-sized trusses. Height 3½ feet.

Each, 25c; per dozen, \$2.50

**KING HUMBERT.** A bronze-foliage variety with reddish-scarlet flowers. Of enormous size and a general favorite.

Each, 25c; per dozen, \$2.50

**KING MIDAS.** An even shade of pure golden-yellow. As with others in this set, the blossoms are remarkable for their immense size and perfect form. The trusses clean nicely, which makes it valuable as a bedding Canna. The old blossoms drop as soon as they reach maturity, which always leaves the trusses fresh and bright.

Each, 25c; per dozen, \$2.50

**LA FRANCE.** A Howard & Smith production and in every way a magnificent Canna. Tall-growing with immense pure-pink flowers borne in splendid trusses. One of the finest in our collection.

Each, 25c; per dozen, \$2.50

**LUDWIG KOPF.** Bronze foliage with large flowers of a beautiful orange-and-apricot color.

Each, 25c; per dozen, \$2.50

**MOHAWK.** A grand variety from any point of view. Foliage dark bronzy-crimson, quite as dark in this respect as that of the well-known variety, King Humbert. Flowers of gigantic size. Rich crimson-scarlet in color. Extra fine.

Each, 35c; per dozen, \$3.50

**MRS. A. F. CONARD.** Pure salmon-pink with very fine foliage.

Each, 25c; per dozen, \$2.50

**MRS. GEORGE STROHLEIN.** Dense, vigorous, medium-bronze foliage, with dark-bluish stems and buds. Flowers a wonderful shade of nopal red, deeper and richer than any other Canna we know, and borne in excellent trusses. Extremely floriferous, a row presenting a solid mass of bloom.

Each, 20c; per dozen, \$2.00

**MRS. KATE GRAY.** Fiery-scarlet with a touch of gold on the two inner petals and other petals sometimes rimmed with gold. Large, shapely flowers in elegant, long-stemmed trusses. Vigorous habit, with bright foliage. A variety of special merit.

Each, 25c; per dozen, \$2.50

**MRS. MARY WALLACE.** Deep geranium-pink. Large flowers of beautiful form in fine trusses.

Each, 25c; per dozen, \$2.50

**MRS. PIERRE S. DU PONT.** Without doubt this peerless variety is the leader of all Cannas in the pink section or for that matter of any other color introduced up to the present time. The foliage is of truly tropical effect, very broad and long, dark

green, and offers a beautiful foil for the gigantic trusses of bloom. These are poised on large, heavy stems and it is not unusual for them to attain a diameter of a foot or more. The color is water-melon pink which is as beautiful as it is new in Cannas. We cannot too highly recommend this glorious variety. It is the acme of perfection attained in Cannas to date. A bed of this in your garden or even a single clump when in full bloom attracts the eye at once.

Each, 35c; per dozen, \$3.50

**OISEAU D'OR (Goldbird).** A beautiful shade of canary yellow. The immense flowers are borne in large trusses above the heavy green foliage.

Each, 25c; per dozen, \$2.50

**OLYMPIC.** Rich oriental-red, shading lighter toward the center, and dappled carmine. Individual trusses and florets very large. A majestic variety of impressive beauty. Height 5 feet.

Each, 25c; per dozen, \$2.50

**PALM BEACH.** A most worthy addition to this splendid list of novelties. Of immense size, with fully-rounded four-petaled blooms. The color is an entrancing shade of pearly-salmon-blush. A tall-growing variety, 4 to 5 feet.

Each, 25c; per dozen, \$2.50

**QUEEN HELENE (Yellow King Humbert).** A splendid Canna, a sport from that well-known variety, King Humbert, but differing entirely in color. The flowers are enormous size and a deep, rich-yellow color, handsome in the extreme.

Each, 25c; per dozen, \$2.50

**REVE D'OR.** Beautiful light-yellow, large flowers, freely produced. Sturdy, broad-leaved plants.

Each, 25c; per dozen, \$2.50

**RICHARD WALLACE.** Bright canary-yellow.

Each, 20c; per dozen, \$2.00

**SAN DIEGO.** This variety is a distinct shade of burnt-orange. The individual heads and trusses are of immense size and the trusses clean nicely. It is quite a new color in Cannas and when it becomes better known will undoubtedly be in great demand.

Each, 35c; per dozen, \$3.50

**STUTTGARDIA.** Orange scarlet edged golden yellow, marbled light scarlet.

Each, 25c; per dozen, \$2.50

**VICTORY.** A lovely variety. Unique shade of apricot. Flowers of medium size, trusses large and densely filled.

Each, 35c; per dozen, \$3.50

## VISITORS WILL ALWAYS FIND OUR NURSERIES INTERESTING

Visitors, both local and from distant points, will always find subjects of particular beauty and interest in our nurseries. At our main establishment, Montebello, the world-renowned Howard & Smith Prize Giant-Flowered Cinerarias are the center of attraction during April, thousands of persons coming to enjoy the brilliant display of these blossoms. About the same time our own superb strain of Amaryllis may be seen in its full glory of mammoth, colorful bloom. Here are also our Plant Laboratories, in which patient, unremitting effort is devoted to the production of new varieties, especially Roses; and thousands of new seedling Roses are developed—some eventually to become known around the globe.

At our Rivera plant, the Trial and Proving Grounds, where most of our bulbs and flower seeds are grown, beauty and fragrance are constantly in evidence and a delight to all who go there.

Our great Rose Fields at Puente are at their best during the autumn months—an 80-acre vista of gorgeous bloom that draws farflung attention.



# CHRYSANTHEMUMS--*Glories of Autumn*

**T**HE Chrysanthemum has been well named "The Queen of Autumn". There is no class of herbaceous plants so indispensable for garden decoration or for cutting purposes. The range and variety of types is very large and includes those of the Japanese class with their immense fluffy blooms, the formal large-flowered incurved sorts, the dainty pompon or button Chrysanthemum, the anemone-flowered class and the handsome singles. In the past few years the small-flowered types, such as the pompon, single and anemone sections, have become very popular. Their extremely decorative effect in the garden is beyond compare and during their blooming season they glory in all the glowing autumn tints. Nothing more beautiful can be imagined in floral effect than low borders or beds planted with anemone, single or pompon Chrysanthemums. The flowers are borne so profusely as to entirely hide the foliage. The royal stretches of color obtainable with these beautiful flowers will delight the eye and contribute materially to the life of an autumn garden. The plants we offer are all propagated from vigorous soft wood top cuttings grown on in 2½-inch pots. Ready May 1.

## Chrysanthemums of the Japanese Type

Included under this heading are the very large-flowered sorts, either formal in shape, such as the incurved and reflexed forms, or those with petals curled and interlaced. They are varieties with which, in order to obtain maximum size, disbudding must be resorted to. If allowed to grow in a natural condition the flowers are produced in spray-like form and are larger than those of the hardy anemone or single-flowered types.

### JAPANESE TYPES—YELLOW

**FIRST DAWN.** An exquisite novelty—light lemon-yellow with gold-tipped petals. As the blossom matures the color deepens to a delicate chamois-pink, even as the dawn of day changes. Incurved Japanese type and very fine. Each, 25c; per dozen, \$2.50

**HILDA H. BERGEN.** Among the perfect novelties of the Japanese incurved type. Mahogany-bronze, deep and rich, and a splendid producer. Comes in before the other leading bronze varieties, is a rare beauty, and valuable in every respect.

Each, 25c; per dozen, \$2.50

**BESSIE GODFREY.** A broad-petaled canary yellow. Incurved.

**BRONZE WILLIAM TURNER.** Light-yellow, flushed delicate pink, a bronze effect. A tall variety, new and of immense size.

**CELEBRATION.** Fine uniform yellow, no tinge. Very large flower, incurved. Medium-height plant.

**DURBAN'S PRIDE.** Golden-yellow at base of petals, merging to lavender tips. Medium-sized flowers on dwarf plants with attractive foliage. Very good.

**ETOILE DU NORD.** One of the richest yellows in our collection. A grand golden-yellow color.

**GOLDEN GLEAM.** Bright, glistening golden-yellow. Extra choice.

**GOLDEN QUEEN.** The best yellow for October. Matures about the 10th. Incurved.

**MAJOR BONAFFON.** Incurved yellow of regular formation. One of the best commercial varieties.

**MADAME PAOLO RADAELLI.** A very large yellow, daintily tinted pink.

**MAJESTIC.** Fine bronzy-yellow, immense flowers, long stems, splendid for cutting. Reflexed petals. Dwarf plant, late bloomer.

**MARIGOLD.** A yellow of unsurpassed beauty, both in size and color. Matures about October 20th.

**MONSIEUR PECHON.** An enormous incurved golden-yellow. Very double.

**MRS. F. J. TAGGART.** A grand late yellow.

**MRS. HARRY EMMERTON.** Lemon-yellow, large flowers, tall plants. Good sort.

**MRS. R. C. PULLING.** Yellow with red penciling at the edge. Prettily incurved. One of the best for cutting.

**NAGOYA.** A very late-flowering golden-yellow. Reaches perfection about December 1st.

**TEKONSHA.** Rich golden-bronze. Large flowers gracefully incurved. Tall.

**YELLOW OCTOBER FROST.** Light lemon-yellow, a charming color. Large flowers with irregularly-incurved petals. Tall, free-flowering and very early.

**YELLOW WILLIAM TURNER.** Light-yellow, a lovely, uniform shade. Incurved type, tall and free-flowering.

### JAPANESE TYPES—WHITE

**ANTIGONE.** Immense pure-white flowers. Very double. Plants quite dwarf.

**CRYSTAL GEM.** A pure-white incurved. One of the best varieties for flowering in October.

**JOHN S. BUSH.** Purest-white in the collection. Large flowers with irregularly-incurved long petals. Fine.

**JOSEPHINE FOLEY.** An excellent pure-white, suitable for exhibition purposes. Flowers incurved with fine stem and foliage.

**LYNNWOOD HALL.** A splendid cut flower of immense size. Pure white.

**MADAME R. OBERTHEUR.** Pure white.

**MISS NELLIE POCKETT.** A superb variety from Australia. Petals long, drooping and interlaced. Flowers of great depth and breadth.

**MRS. F. J. TRANTOR.** Giant reflexed blooms, creamy-white, occasionally penciled rose pink.

**MRS. S. J. REUTER.** A beautiful pure-white. Very desirable.

**MRS. WOODROW WILSON.** Large blossoms, creamy-white and exquisite.

**OCONTO.** A white incurved with rigid stem and perfect foliage.

**PRESIDENT TAFT.** Pure-white Japanese incurved. Extra good stem and foliage.

**SILVER KING.** Pure-white with a glorious sheen. Long, narrow, incurved petals. Flowers extremely regular in form.

**T. B. TIMM.** An attractive white of the incurved type. Much admired.

**THANKSGIVING QUEEN.** Large creamy-white. Comes just right for Thanksgiving.

**WHITE CHIEFTAIN.** A pure-white sport of Chieftain, quite as good as its parent.

**WILLIAM TURNER.** One of the most remarkable of all Chrysanthemums as to size, 10 to 12-inch flowers on well-grown plants being quite common. Splendid for cutting.



## JAPANESE TYPES—RED

**ADA BROOKS.** A lovely Japanese variety of very large size. Interior of the petals rich bronze-red, exterior pure bronze.

**ADELE GRISWOLD.** Bright-red in color. Fine stem with excellent foliage.

**EDGAR SANDERS.** Bronze with lighter reverse. Extra-large flowers. Fine, heavy foliage.

**F. T. QUITTENTON.** Reflexing deep crimson-red. Immense size.

**INTENSITY.** Red, bronze reverse. A strong grower.

**MRS. O. H. KAHN.** Red with bronze reverse. Handsome blooms, incurved. Medium height. Makes a rich display.

**WILLIAM R. MEREDITH.** Dark crimson-red with gold reverse. Fine foliage, good stem. An unusual color.

## JAPANESE TYPES—PINK

**SUNSET GLOW.** Magenta-rose, gradually changing into soft-rose. Japanese incurved type and a novelty of distinction, strikingly beautiful. Large flowers—enormous if disbudded—freely produced. A late bloomer.

Each, 25c; per dozen, \$2.50

**CHIEFTAIN.** A very popular commercial pink. Extra-good stem and foliage.

**GOOD GRACIOUS.** A splendid variety which throws fine, large blooms. Petals long and narrow. Irregularly incurving.

## Landscape Department

We desire to call your special attention to our Landscape Division, long maintained as one of the most complete and efficient on the Pacific Coast, and a principal factor in the planting and beautifying of the Great Southwest. With thirty-five years' experience in designing and developing the finest and most picturesque grounds in Southern California and intimate knowledge of climatic and soil conditions and plant life and its adaptability we are in a position to guarantee a service permanently satisfactory.

Our extensive nurseries with their large and varied stocks of the finest of ornamental and flowering trees, plants and shrubs supplement the Landscape Division so thoroughly that we can assure the best results from every standpoint no matter what the magnitude of the work. Rose gardens, ever becoming more popular and decidedly appropriate in this sunny land, are among our leading specialties.

The Landscape Division is in charge of Mr. A. P. Howard, who will be pleased to take up with you personally the planning of new grounds or estates, large or small, or the contemplated improvement of your present property.



The Chief, Yellow Anemone-Flowered

**J. S. KELLY.** Liseran-purple merging to rose-purple and pale rose-pink at edge of petals. Incurved type. Tall. Choice variety.

**LADY HOPETOUN.** Light-pink. A beautifully formed bloom. Dwarf.

**LAVENDER QUEEN.** A large reflexed lavender-pink.

**MEUDON.** Lavender-pink graduated lighter toward the center. Beautiful shade.

**MLLE. JEANNE ROSETTE.** Narrow quilled petals. Very double flowers. Soft-pink in color.

**MISS LUCY EVANS.** A beautiful shade of heliotrope pink. Center petals incurved, outer petals reflexed.

**MRS. COOMBES.** A pleasing shade of delicate shell-pink.

**PINK ROSETTE.** Blossoms are of immense size, petals tubular.

**SMITH'S SENSATION.** A delicate shade of light-pink, beautifully incurving in form. A fine exhibition variety.

**T. RICHARDSON.** An extra choice pink variety, with silvery reverse, form loosely incurved.

**UNAKA.** An exquisite pink.

## JAPANESE TYPES—PURPLE

**MONSIEUR ANTONIN MARMONTEL.** Rose-purple of a uniform shade. Enormous, long-stemmed exhibition blossoms that keep remarkably. Free-flowering and one of the best purples.

**MRS. FELIX FULD.** Amaranth-pink, flushed purple, with silver reverse. Distinctive color, large flowers, medium height. Among the best.

**MRS. T. CARRINGTON.** Rosy-purple with silver reverse. Good foliage, fine stem and large blooms.

Any of the foregoing varieties, Each, 25c; per dozen, \$2.50; per 100, \$17.50; fifty or more at 100 rate.



## CHRYSANTHEMUMS---Hardy Varieties

Under this heading we offer a selection of the small-flowered types, including those of the pompon, single and anemone-flowered classes. These small-flowered Chrysanthemums are today one of the most popular of all. Their dainty blossoms are borne in spray-like masses, they are exquisite for interior decoration, last well when cut, require no artificial manipulation, such as disbudding, etc., and we believe are one of the most pleasing of any of the classes. They are charming when planted in masses in the garden, or when used as cut flowers. The rich shades of golden bronze, Indian red, etc., which manifest themselves are truly suggestive of autumn. This collection contains some of the finest varieties introduced to date:

### ANEMONE-FLOWERED TYPES

#### Novelties of the Season

**BETTY ROSE.** Large-flowering anemone type, beautiful lavender-pink with a rich pinkish-yellow center. Four to 5 rows of ray petals with a high, rounded cushion. Long, rigid stems and well-divided sprays. Each, 20c; per dozen, \$2.00

**HEARTS OF GOLD.** Bright lemon-yellow with well-filled, anemone-like cushion center having the appearance of pure gold. The guard petals are more or less quilled and the flowers medium to large, borne in trusses of unusual size, widely spread. Each, 20c; per dozen, \$2.00

**MRS. FRANK J. TANBER.** Anemone-flowered, pure white, with conspicuous cushion center. The snowy guard petals and creamy-white ray petals form a dainty contrast. This is a compact grower that bears its bloom in immense close trusses. Each, 20c; per dozen, \$2.00

**MRS. H. J. BALLAGH.** Anemone-flowering, medium-sized, and a compact grower. An even shade of bright orchid-pink with large, straw-yellow, cushiony center—a charming color combination. Dwarf, rigid stems, seldom requiring staking, producing very large flowers if disbudded. A superb variety. Each, 20c; per dozen, \$2.00

**NORMA.** A large-flowered show-anemone type. Soft rose-pink with large bronze-yellow, anemone-like cushioned center—a lovely study in contrasts. Very distinct and fine and a variety that must appeal to every lover of Chrysanthemums. Each, 20c; per dozen, \$2.00

### ANEMONE-FLOWERED FAVORITES

**CO-ED.** A very distinct anemone-flowered type. Flowers of medium size. In color an exquisite shade of dark rosy-lavender. Nothing more beautiful can be imagined than a vase of this variety.

**DREAM EXTRA.** Salmon-buff, unique color in a Chrysanthemum. Medium height, wonderful bloomer, and makes an effective display.

**GRAF VON FLIM.** Pure-white, large flower for the type. Pretty cushiony center of unusual size with a double row of petals. One of the best whites.

**GRACE COOLIDGE.** White with yellow center, a lovely contrast. Large cushion and flower of corresponding size. Handsome foliage. Splendid variety.

**GRAF VON ORIOLA.** Deep-lavender with large, compact center deep golden-yellow. Double row of short petals. A beautiful large-flowering sort.

**HELEN BORNMANN.** A lovely straw-yellow, absolutely uniform. Large flower, fine foliage. Choice.

**INNOCENCIA.** Creamy-white throughout. Handsome cushiony center, large flower. Free bloomer and makes a beautiful showing. A select variety.

**JUNO.** Light-yellow gradually turning to white at the tips of the petals. Golden-buff center. Distinctive color and very fine.

**KATHERINE SIMMONS.** A variety with a well-crested center, the outer petals tubular in formation. Soft-pink.

**MRS. F. J. GORDON DEXTER.** A large-flowered anemone Chrysanthemum, semi-double. Guard petals irregular in formation, giving the flowers a spidery effect. Center cushion creamy yellow. Extra choice.

**MRS. H. HOGGEN.** Orange-bronze, a charming color for table decoration, and has every other desirable attribute. Medium height and growth.

**MRS. J. W. WOLF.** A new white with deep golden-yellow center. Quite a variation from other white kinds. Very pleasing.

**RED BIRD.** Deep ruby-red with golden-crested center, decidedly beautiful. Small type, flowers lasting a long time on the plant or cut. Dwarf habit, free bloomer.

**SATISFACTO.** A splendid anemone-flowered Chrysanthemum in tints of old gold and bronze.

**SOURCE D'OR.** One of the oldest of the anemone-flowered types and still one of the best. Magnificent shade of old gold. Superb for cutting. Flowers quite large.

**SUNSHINE.** A very late variety, brilliant golden-yellow. A comparatively new sort and one which we can highly recommend.



Graf Von Oriola, Beautiful Anemone

**SURPRISE.** White, the tips of the petals delicately tinted blush-pink. Flowers large for the type, with elegant white centers, and freely borne.

**THE CHIEF.** Lemon-yellow, uniform. Semi-dwarf form, very free-flowering, and a most satisfactory kind of its color.

Any of the above anemone-flowered types, each, 20c; per dozen, \$2.00; per 100, \$15.00. Fifty or more at 100 rate.



**POMPON-FLOWERED TYPES****Set of Pompon Novelties**

**AUTUMN GLOW.** Bronze-red pompon decorative. Semi-dwarf plants producing compact trusses of medium-sized flowers that make an elegant display. The color is lovely and the blossoms of model form.

Each, 20c; per dozen, \$2.00

**BRONZE QUEEN.** A pompon of particular beauty, rich bronze-yellow with a red center when the flower is opening. This novelty blooms late and is showy by reason of fine color and abundance of blossoms.

Each, 20c; per dozen, \$2.00

**BUFF FORTY-NINER.** Dwarf type semi-pompon. Opens golden-maroon and takes on a bronzy-rose tint. The mature flower discloses a very small yellow disk. This variety makes a beautiful border. Highly floriferous.

Each, 20c; per dozen, \$2.00

**CHARLES K. PRATT.** Shrimp-pink edging to rosy-lavender. Pompon type. The flowers are borne in dense masses along the stem and are suggestive of miniature hollyhocks. Upright habit.

Each, 20c; per dozen, \$2.00

**CHESTNUT RED.** A single pompon of a remarkably deep shade of red with petals golden-edged. The flowers are richly showy and lavishly produced. This novelty is admirably adapted for bedding or border purposes and we can recommend it as one of the very best.

Each, 20c; per dozen, \$2.00

**CONTRAST.** Rich deep-golden shade, orange-tinted at the base of the petals. Pompon decorative type. Produces such a magnificent mass of flowers of the most showy character that the foliage is practically concealed. An attractive novelty.

Each, 20c; per dozen, \$2.00.

**DAINTY.** Golden-yellow with a decided bronze-orange tinge at the tips of the petals, enhanced in effect by a maroon center. When the flower opens the inner petals have a touch of bright crimson. Small pompon of semi-dwarf habit, producing abundant bloom in compact trusses. Fine for bedding or borders.

Each, 20c; per dozen, \$2.00.

**HARLEQUIN.** A single pompon of golden-yellow with rose-tipped petals, a delightful contrast. The flowers of this interesting novelty are borne in fine trusses. One of the special beauties of the type.

Each, 20c; per dozen, \$2.00

**NEDDIE.** Bright lemon-yellow. One of the most beautiful small-type pompons. Frilled petals with 3 and 4 points, an innovation seen in no other variety. Flowers very compact and borne in fine trusses. A grand and entirely-distinctive novelty. Late bloomer.

Each, 20c; per dozen, \$2.00

**RUSSET RED.** A semi-pompon of exactly the color for which it is named, and therefore distinctive. A tall grower and profuse bloomer that makes an effective display of its unusual shade of red.

Each, 20c; per dozen, \$2.00

**STRIKING.** Charming shade of rosy-purple, uniform

except for a tiny golden disk in the mature flower. A small novelty pompon of the decorative type, tall-growing and late. Produces a perfect mass of bloom and makes a gorgeous color display.

Each, 20c; per dozen, \$2.00

**GENERAL POMPON COLLECTION**

**AUTUMN TINTS.** A handsome moderate-size pompon variety, interior of the petals bronzy-crimson, exterior old gold. Late flowering. Extra good.

**BABY DOLL.** Petals deep rose-pink at base, lighter outward. Dark-crimson center, turning lighter as the flowers mature. Button pompon of the semi-dwarf type, blooming freely in compact trusses. Fine.

**BILLY PRIMROSE.** An exquisite and novel color in pompon Chrysanthemums. A distinct shade of deep tyrian-rose. The flower is perfect in contour, sprays well filled. A gem for cutting purposes.

**BRIGHTNESS.** One of the prettiest button pompons, a remarkably fine shade of golden-yellow.

**CAPTAIN COOK.** Pure, bright lavender-pink. Small type but produced in great trusses of bloom, making a handsome display. Distinctive variety, tall.

**CLARE.** A lovely creamy-white pompon of the very small flowered baby or button type.

**CRANFORD PINK.** Pure, bright-lavender, small-type pompon. Tall grower, producing very large trusses of glowing bloom.



Co-Ed, Distinctive Rosy-Lavender Anemone Type

**DOROTHY TURNER.** Chestnut-red decorative pompon. Compact flowers, very double, with closely-set petals. Rich, uniform color. A tall-growing variety and a marvelous bloomer.

**GILDA.** Pompon of medium size, a pure, uniform orange shade. Beautiful flowers produced with extreme freedom.

**GOLDEN BUTTERFLY.** Pure, bright gold and well named. A late-flowering decorative pompon that materially prolongs the season.

**GOLDEN CLIMAX.** A splendid addition to the yellow class of pompons. Somewhat taller in growth than Golden West. Bears immense trusses of bright golden-yellow flowers. Planted in the garden in borders or beds, it is a mass of pure gold.

**GOLDEN WEST.** An elegant golden-yellow, petals much imbricated, giving the flower a fringed ap-



pearance. The blossoms are borne in compact trusses, absolutely perfect in formation. Fine for basket work or for low borders.

**LILLIAN DOTY.** White pompon, decorative type. One of the best varieties.

**MARY.** Bright lavender-pink, a clean uniform color. Very fine for cutting.

**MARY PICKFORD.** White button pompon that retains its snowy purity while the flowers last. Beautiful blossoms produced in large trusses on medium-height plants with fine foliage. Exquisite variety.

**MISSION.** Rose-maroon with yellow center. Large, compact trusses of bright flowers, beautiful and distinctive. Semi-dwarf.

**M. CLARK.** A very late-flowering small pompon. Bright, uniform shade of lavender. New and fine.

**MR. MURATA.** A new beauty. Opens a dark bronzy-crimson, changing to golden-bronze as it matures. Dwarf-bedding type. Excellent keeper.

**MRS. FRANK BEU-WILCOX.** A minute-flowered pompon variety, bright golden-bronze in color. The dainty flowers composing large trusses, scarcely reach a diameter of half an inch. Although one of the smallest of all pompons it possesses a grace and elegance unsurpassed beauty. Highly recommended.

**MRS. ROBERT E. HENDERSON.** Small pompon, uniform rich red color. Of medium height and a prolific bloomer.

**NEW YORK.** Easily one of the finest of all pompons by way of color. A superb shade of reddish-bronze. Flowers of moderate size, freely produced on well-branched trusses. A gem for cutting.

**PLUM.** Plum-purple pompon, rich, uniform shade. Compact trusses of bloom. Semi-dwarf. Splendid sort.

**RITA.** A very dwarf free-flowering pompon. A lovely shade of chestnut-red.

The flowers are quite small—almost a replica of Golden Climax in general contour.

**WESTERN BEAUTY.** Deep-lavender. A late variety of great beauty and value.

Any of the foregoing pompon *Chrysanthemums*, Each, 20c; per dozen, \$2.00; per 100, \$15.00. Fifty or more at 100 rate.

#### SINGLE AND DECORATIVE

##### Fine Group of Novelties

**ARDYS.** Deep terra-cotta with golden center, changing to bronze-yellow dashing tipped crimson. Daisy type, single, and a magnificent novelty. Among the latest of all *Chrysanthemums* and a marvelous bloomer during a long period, the plants being fairly blanketed with flowers.

Each, 20c; per dozen, \$2.00

**BROOKSIDE DAISY.** Buff-yellow, single daisy type, with three rows of petals. This is a tall-growing late variety that bears immense spreading trusses of bloom that practically conceals the foliage and makes a marvelous show. Splendid for cutting.

Each, 20c; per dozen, \$2.00

**DAISY.** Beautiful bronze-yellow flower with long petals and a deep yellow center. Single-type blooms of medium size profusely produced on plants of dwarf habit.

Each, 20c; per dozen, \$2.00

**E. N. WARD.** A golden-orange single decorative variety from Australia and a seedling of the famous Mrs. Kershaw. Indescribably rich in color—a marvelous, glowing fawn with bronze-red reverse and some of the petals lined bronzy-red on the edges.

Each, 20c; per dozen, \$2.00

**EXQUISITE.** A beautiful single of deep rosy-lavender with a large golden-crested center within a white zone. A tall-growing variety producing a profusion of small, daisy-like flowers. Often 10 or more blooms at the tip of a long stem give the appearance of a single flower of great size.

Each, 20c; per dozen, \$2.00

**HON. J. MANN.** Single decorative, light terra-cotta, and a splendid variety. Petals irregular in form,



Hollicot Yellow, a Bright-Canary Decorative

long, narrow and thread-like. Flowers long-lasting both on the plant and as cut subjects. Tall.

Each, 20c; per dozen, \$2.00

**JAMES VESEY.** A new late single of large size. Deep-lavender tone throughout, with a rich golden center. Flowers splendid keepers, fine for cutting, and borne in tall, graceful trusses.

Each, 20c; per dozen, \$2.00

**J. R. BOOTH.** Brilliant golden-yellow. A very large and choice single decorative with 4 rows of petals, the same shade throughout. Tall grower.

Each, 20c; per dozen, \$2.00

**LILA MARIE.** An unusual small single daisy type of wonderful coloring—chestnut-red zoned yellow and turning into rich bronze as the bloom matures. A good late sort that will be greatly admired.

Each, 20c; per dozen, \$2.00

**MUSA DORA.** An irregular-petaled single decorative *Chrysanthemum*. A lovely lavender-pink shade found in no other variety. The flower shows a golden center that enriches the effect. Dwarf habit, with heavy trusses of bloom late in the season. Superb.

Each, 20c; per dozen, \$2.00

**MY SUNSHINE.** A lovely bronzy-sunny shade merging to delicate lavender on the outer petals, which are very narrow, thread-like and exceedingly



numerous, giving the flower a fluffy appearance. An attractive single decorative.

Each, 20c; per dozen, \$2.00

**RICH RED.** This admirable single novelty is more aptly described by its own name than by any extended effort. It is nothing short of dazzling in color, a Chrysanthemum of exceptional quality, a strong grower and profuse bearer of flowers of excellent texture. Each, 20c; per dozen, \$2.00

**SUNSET.** Decorative type and handsome. Outer petals on mature flowers rosy-purple, center light golden-yellow. Blossoms open a bronzy-orange with a decided golden reverse. They are borne in fine open trusses on dwarf plants.

Each, 20c; per dozen, \$2.00

**TANGO.** True burnt-orange, deep and rich, in a new late-flowering decorative. Dwarf habit, profuse with beautiful bloom, and a lovely border plant.

Each, 20c; per dozen, \$2.00

**XMAS DAISY.** A novelty of rich and striking chestnut-crimson with bright golden-yellow center. Flowers semi-double and borne in large and shapely trusses. A late-blooming variety of special merit.

Each, 20c; per dozen, \$2.00

#### OTHER SINGLES AND DECORATIVES

**A. MAY.** Splendid large-flowering single. Deep lavender-pink at base of petals, graduating to white tips. Splendid cutting variety, with fine stems and wonderful lasting qualities. Medium height.

**AUTOCRAT.** Very showy white single with deep golden-yellow center and a double row of petals. Exceedingly large flowers and fine foliage.

**BESSIE LA ROCHE.** Beautiful, uniform terra-cotta shade. Large single blooms in great spreading trusses.

**CAROLINE ROBBINS.** Uniform lavender-pink, single flower of large size, very attractive. Medium-height plant with handsome foliage.

**DONALD.** Flowers semi-double, cream white in color, tinged with lavender. An exceedingly graceful loose formed variety.

**DOROTHY DUGAN.** A large flowered semi-double form. Pure white tinted cream in the opening bloom. Easily one of the best whites.

**EXCELSIOR.** A large flowered single. Open blossoms a delightful shade of bronze and flame.

#### HOLLICOTT YELLOW.

Bright canary-yellow decorative and one of the finest of the type in color and other respects.

**IRIS.** Lavender-purple of a rich shade with lighter center. A very fine single decorative. Flowers produced in densely-formed medium-size trusses.

**JEAN PUTTRIDGE.** A remarkable small-flowered Chrysanthemum, the purest shade of golden-bronze throughout, from the opening bud to the fully-developed bloom. Blossoms of model form produced in dense heads. Wonderfully rich in artificial light and fine for cutting.

**J. S. ADAMS.** Rose-pink single of medium size. A good early sort producing spreading trusses of lovely bloom.

**KATHERINE COVELL.** Bright purple, about the same shade as that to be noted in the large flowered Chrysanthemum, Mr. T. Carrington.

**LADY LU.** A very large-flowered, loose-petaled white single. Informal in shape, exquisite in color and fine for cutting purposes.

**LEON GRANT.** A superb single variety with broad, flat petaled flowers in a pleasing shade of deep rosy pink. A very good sort.

**LITTLE BARBEE.** Certainly one of the most exquisite of all single Chrysanthemums. Blossoms not much larger than some of those of the bigger flowered pompons. The color is a splendid shade of bright canary yellow.

**LOUISE MAYO.** Soft-tinted lavender-pink single with 3 rows of petals, the inner of which is soft-yellow. Large, lasting flowers with good cutting stems. A tall variety.

**MARGARET NANNER.** A glorious deep-orange, single. Large flowers in wide-spreading trusses. A very good variety. Tall.

**MARION SUTHERLAND.** Bright sunflower-yellow, intensely rich. A superb single either for the garden or cutting.

**MAUDE.** Rich Indian-red on opening, shading to bright reddish-gold as the flower develops. Neat, compact blossoms with narrow petals.

**MINNESOTA.** One of the handsomest of all the dark-flowered section of singles. The color is a bright glowing crimson toned with maroon. Under artificial light the flowers have a glow and sheen which makes them doubly attractive.

**MISS CLARA BANGHART.** Bright bronzy-crimson. A handsome dark-flowered single.

**MITZI.** Golden-yellow, a glorious, uniform shade from base to tip of petals. Single, dwarf type.

**MRS. CHAPMAN.** Handsome buff-yellow single of large size, with long, quilled petals, exceedingly graceful. A tall grower and free bloomer, producing spreading trusses of flowers.



Graf Von Flim, Elegant White Anemone-Flowered



**MRS. E. D. GODFREY.** Lovely shell-pink single decorative. Lasting flowers with grand stems. Blooms from mid-season to December, having few equals in this respect.

**MRS. F. J. GLADSTONE.** Large single of golden-yellow, bright and uniform. Valuable for cut-flower purposes. Long stems. Tall plant.

**MRS. LOU THOMPSON.** A beautiful primrose yellow, similar in form to Dorothy Dugan and a fine companion by way of color.

**MRS. WILLIAM BUCKINGHAM.** A lovely mid-season pink. Has proven itself to be one of the best varieties for cutting or market purposes ever introduced. We cannot too strongly recommend this variety.

**PEGGY JOHNSON.** Color deep bright canary yellow. A splendid mid-season variety. Flowers borne in dense compact trusses. Plants of medium height. A variety of splendid effect during its blooming season.

**R. B. BURGE.** Pure snowy white with broad, well arranged petals. A splendid addition to the whites.

**RICHARD DELAFIELD.** Bronzy crimson with a zone of gold surrounding the center disc. A single variety of great merit.

**RIDGEWOOD.** Light lavender-pink of a delightful shade. Large single flowers making a good garden display and as well adapted for cutting.

**RUTH ADAMS.** Bronzy-buff at the base of the petals, lightening to golden-yellow at the tips. A pleasing single.

**YVONNE.** In color, a pure tone of golden amber. Very free, quite dwarf.

Any of the above single Chrysanthemums, Each, 20c; per dozen, \$2.00; per 100, \$15.00. Fifty at 100 rate.

## Howard & Smith's Special Offer of Choice Named Chrysanthemums

**COLLECTION A.** 12 very fine Japanese Chrysanthemums. Complete assortment of colors. Strictly our own selection for **\$2.25**

**COLLECTION B.** 24 extra choice varieties of Japanese Chrysanthemums, a collection which is representative of the very best varieties noted in the foregoing list. Each different, carefully labeled, strictly our own selection for **\$4.00**

**COLLECTION C.** 12 extra-choice small-flowered Chrysanthemums, including Anemone, Pompon and Single, in a well-balanced assortment. Strictly our own selection, each a different variety. **\$1.75**

**COLLECTION D.** 24 extra-choice small-flowered Chrysanthemums, including Anemone, Pompon, and Single, each different. Strictly our own selection. All the principal colors for **\$3.25**

### HOWARD & SMITH ROSES

We have specialized on a great scale in the Queen of Flowers for many years and Howard & Smith roses are famous the world over. We grow millions of plants of the best varieties, including our own productions, and each season distribute the finest collection of novelties in America. Our Rose Catalogue is always issued about January 1 and every rose-lover will find it of special interest. Mailed gratis.



Source d'Or, a Fine Old-Gold Anemone-Flowered

### AMARCRINUM HOWARDII

#### Our Remarkable Novelty

This is the most conspicuous of the various novelties produced by us during many years unremittingly devoted to the work of cross-breeding plants. Its character and worth as an unique bulbous plant were recognized by the Royal Horticultural Society of Great Britain with the award of the coveted solid-silver Cory Cup, the major prize presented annually for the most meritorious new subject exhibited in the great show in London, where the whole world keenly competes. Only once has this grand trophy been taken out of Europe and the fact of its having been won for America by Amarcrinum Howardii is gratifying to our firm.

The remarkable hybrid, a true cross of Crinum-Moorei on Amaryllis Belladonna (the latter the seed-bearing parent) has proved itself of great value for growing in pots or in the open garden and we have reports from many points in the United States and from other countries attesting its striking beauty, certain growth, and uniform usefulness. Combining the good qualities of both its parents and yet being decidedly different, it meets a need which nothing else can fill. Amarcrinum Howardii bears immense trusses of blossoms of a rare and lovely soft-pink shade on stems 4 feet long, and these high heads of lasting bloom, extremely showy outdoors, are highly effective in vases or otherwise as cut flowers. The color tone is exquisite.

This plant of superb beauty is of easy cultivation, growing to perfection in the open ground in climates such as that of Southern California, and requiring about the same attention as Amaryllis Belladonna or the Crinums. Where colder weather prevails it can be flowered splendidly in pots or tubs, hence it is adaptable almost anywhere.

**Each, \$5.00**



# CARNATIONS--*Superb New Varieties*

**T**HIS set of Carnations is exceedingly fine, representing the cream of new varieties and the last word in the development of these popular flowers. They are of remarkable size, splendid form and contour, and intense fragrance. We have grown them all outside and find that they succeed splendidly as open-garden subjects, producing abundant crops of blossoms when most needed—in midwinter and spring. If extra-large cutting blooms are desired disbudding will bring flowers of phenomenal size. The following varieties are good growers and free bloomers and a bed of them in your garden will give generous returns. Vigorous plants in 2½ inch pots:

**ARCTIC.** Pure white; of phenomenal size and substance. Intensely fragrant.

Each, 20c; per dozen, \$2.00

**BETTY LOU.** Deep, rich-rose flowers, beautifully ruffled and fringed. Calyx perfect. Stems of great length. Very fine.

Each, 20c; per dozen, \$2.00

**BOSTON WARD.** Rose-pink, of elegant form, and one of the beauties of the collection.

Each, 20c; per dozen, \$2.00

**EDNA.** A lovely, free flowering, pure rich scarlet and a continuous bloomer. Plant of compact growth and splendid long stemmed flowers.

Each, 20c; per dozen, \$2.00

**E. K. HARVEY.** A magnificent variety of our own raising. Blossoms simply enormous in size, with perfect stems and wonderful calyx. The flowers have a ground color of pure white, beautifully stained and marbled deep rose.

Each, 25c; per dozen, \$2.50

**ELDORA.** A fine variegated variety. Ground color of pure white, daintily penciled with scarlet. A strong, quick grower and produces a bountiful supply of fine, perfect blooms.

Each, 20c; per dozen, \$2.00

**ESTELLE.** Rich shade of red dark-scarlet in a perfect flower of good size, texture and keeping qualities.

Each, 20c; per dozen, \$2.00

**GOLDEN GLOW.** A new yellow of such purity that it glows like gold. The blooms are large and elegant.

Each, 25c; per dozen, \$2.50

**HARLOWARDEN.** Dark, rich crimson-maroon, and effective. Flower of fine form and impressive beauty.

Each, 20c; per dozen, \$2.00

**HARVESTER.** A white Carnation of particularly fine qualities and among the popular kinds.

Each, 20c; per dozen, \$2.00

**HILDA.** Fancily-variegated and of telling effect—a white ground lightly streaked red. An interesting blossom.

Each, 20c; per dozen, \$2.00

**JEWEL.** One of the daintiest of all light-colored Carnations, being a shade of pure shell-pink; petals deeply fringed. A well built flower of magnificent proportions.

Each, 20c; per dozen, \$2.00

**LADY HINDLIP.** New and of fancy coloring—a white ground streaked with red in delicate lines. Exceptionally large and handsome flowers.

Each, 25c; per dozen, \$2.50

**METCHET BEAUTY.** In every respect a beauty. The blossoms are of the best and the color exquisite—a deep rose-pink. This new variety ranks with the best.

Each, 25c; per dozen, \$2.50

**MORNING GLOW.** Lovely shade of shell-pink in a grand flower. The color is uniform.

Each, 20c; per dozen, \$2.00

**PINK SPECTRUM.** A new variety that stands out among all the Carnations of this color, being a fascinating shade of deep enchantress-pink.

Each, 25c; per dozen, \$2.50

**RADIOLITE.** Wonderful shade of red, not especially dark, in a flower that is very beautiful and showy.

Each, 20c; per dozen, \$2.00

**ROOSEVELT.** Dark-red of a shade peculiarly attractive and one of the most colorful Carnations in the entire set.

Each, 20c; per dozen, \$2.00

**ROSALIND.** One of the beautifully-variegated sorts, with a white ground streaked light-red. Flower of splendid form and proportions.

Each, 20c; per dozen, \$2.00

**RUBY GLOW.** The warm pigeon-blood shade and glow of the gem for which it is named, this large-flowered new variety is distinctive and magnificent.

Each, 25c; per dozen, \$2.50

**SENATOR.** Pure-white blossoms of beautiful form and large size. Unlike any other white in general appearance.

Each, 20c; per dozen, \$2.00

**SPECTRUM.** Red of an exceedingly brilliant shade, dashing and beautiful. Large flowers of fine form.

Each, 20c; per dozen, \$2.00

**SUPER SUPREME.** A sport from the well-known variety Enchantress, but a deeper and richer tone of beautiful light-pink. Flowers of immense size, with perfect calyx. Good stems; deliciously fragrant.

Each, 20c; per dozen, \$2.00

**TOPSY.** A glorious shade of dark-red, one of the deepest of all, this new variety makes a decidedly rich display, on the plant or cut.

Each, 25c; per dozen, \$2.50

**VENTURA GOLD.** The stunning color of the precious yellow metal in flowers of faultless form and splendid size. A good new one.

Each, 25c; per dozen, \$2.50

**WINSOME.** A pleasing shade of medium-pink. The plants are floriferous to a degree, producing an abundance of splendid flowers over a long period.

Each, 20c; per dozen, \$2.00

**YANKEE GIRL.** A very productive variety in a pleasing shade of light rose-pink. It blooms freely, always fine in color, and although very large, it does not split its calyx.

Each, 20c; per dozen, \$2.00

## CLIVIA (Imantophyllum)

**MINIATUM.** Though this beautiful South African bulbous plant is rare we have a splendid stock of the best hybrids and can fully meet every requirement. It does well in the open garden if given a shaded and frostless position and makes a display quite unlike any other flower, being a deep, rich orange color. The foliage is handsome dark evergreen and sets the bloom off strikingly. In size and shape the blossoms, as well as the long, glossy leaves, resemble those of *Amaryllis Belladonna*. Of easy culture and particularly decorative as tub plants on porches, in patio nooks, or other quite shady locations, thriving for years and increasing. Strong blooming divisions in pots.

Each, \$2.50

## SPIRAEA

Clumps especially prepared for pot forcing, ready for delivery in the fall. Attractive fern-like foliage and feathery plumes of flowers.

**GLADSTONE.** Beautiful flowers of purest white.

**GLORIA.** Lovely shade of deep rose-pink.

**PRINCESS MARY.** This variety is light-pink.

Each, 75c; per dozen, \$7.50

## BEGONIAS--*Giant Tuberous Varieties*

**W**E have a very fine collection of these lovely summer-flowering bulbous plants. Our strain is of the erect-flowering class, the giant blossoms being borne quite upright on strong, sturdy stems. The varieties are distinct and beautiful—of magnificent size, perfect form, exquisite finish and colorings. In our extensive lathhouse cultures the past season we had them in the double types fully 6 inches in diameter and bearing a marked resemblance to immense roses or double hollyhocks. These and the handsomely-frilled and plain-edged singles attracted the admiration of many visitors. Tuberous Begonias are not difficult to grow. Accorded proper conditions they thrive and give wonderful masses of color for a prolonged period.

Each season we grow a great number of Tuberous Begonias in 3-inch pots, ready for delivery from May 1, for which no increased charge is made over dry tubers. Customers within local shipping distance will find it to their advantage to purchase these plants, all ready for setting out.

**H. & S. PRIZE SINGLE.** A strain of the highest class with perfectly-round flowers of massive size, held quite erect on strong stems. Wonderfully free-flowering and unexcelled for bedding purposes. White, Pink, Yellow, Orange, Scarlet or Mixed.

Each, 25c; per dozen, \$2.50

**H. & S. PRIZE SINGLE FRILLED.** This class is one of the most beautiful of all. The edges of the elegant flowers are daintily frilled, serrated and crested. They have a lovely frilled appearance, extremely graceful. They are exquisite subjects as cut-flowers in low table decorations. The effect of a few of these, with the addition of some of

their own foliage, is fascinating in a dining-table centerpiece. White, Yellow, Orange, Scarlet or Mixed.

Each, 35c; per dozen, \$3.50

**H. & S. PRIZE DOUBLE.** Immense blossoms of perfect form. They vary in shape, some resembling large, full-blown roses and others camellias—all particularly beautiful. Double Tuberous Begonias are excellent subjects for pot work and of great value for home or conservatory decoration. They may be grown in open beds, lathhouses, or shady north borders, where they produce delightful blooming effects over a long period. Pink, Yellow, Scarlet-Crimson or Mixed.

Each, 35c; per dozen, \$3.50

## BEGONIAS--*Select Fibrous-Rooted*

**T**HIS is a splendid selection of Fibrous-Rooted Begonias, comprising many sorts that vary in character as regards height, type of bloom and other points. This class of plants is wonderfully effective when used in shady beds in conjunction with ferns and equally adaptable for use in rock gardens. In general they are tender subjects and will not withstand much frost. They should be planted in a well-prepared soil containing plenty of humus.

**ARGENTEA GUTTATA.** A beautiful variety, all the leaves dotted with silvery white spots on a purplish-bronze ground, underneath portion of the leaves a rich coppery red. Does particularly well in shady open beds.

Each, 35c; per dozen, \$3.50

**FEASTII.** A handsome dwarf fibrous-rooted species with rich, round, reddish-colored foliage bearing splendid spikes of beautiful pure-pink flowers. Eminently adapted for use in ferneries and rock gardens. Particularly beautiful in early spring when the plants are a mass of blooms.

Each, 35c; per dozen, \$3.50

**FUCHSIODES.** An elegant type with pendulous branches and deep rose-pink flowers. Very suitable for extremely shaded locations.

Each, 35c; per dozen, \$3.50

**HAAGEANA.** One of the most noteworthy in our collection. Foliage large, silvery white on the upper surface, dark red underneath. Blossoms very large; white, daintily stained with rosy-pink.

Each, 35c; per dozen, \$3.50

**LUCERNE.** A very tall-growing variety, producing enormous canes of 6 to 7 feet. Flowers are borne in immense panicles. The individual flowers are large, a superb shade of deep rosy-pink. One of the best of all tree Begonias.

Each, 50c; per dozen, \$5.00

**NITIDA ODORATA ALBA.** An elegant Begonia of the tree type bearing racemes of fragrant white flowers. The plant is attractive, having extremely-glossy foliage.

Each, 35c; per dozen, \$3.50

**PRESIDENT CARNOT.** This beautiful Begonia is the parent of most of our best tree varieties. A very vigorous grower with handsome foliage and enormous panicles of deep rose-colored blossoms.

Each, 50c; per dozen, \$5.00

**RUBRA.** A rapid grower and when fully developed covered from top to bottom with medium-size panicles of bright scarlet blooms. Foliage bright green and quite smooth. A splendid specimen as a pot plant.

Each, 35c; per dozen, \$3.50

**SANDERSONI.** A free-flowering red of the dwarf or tree type similar to Weltoniensis in general characteristics, but foliage not lacinated. The blossoms make a bright display.

Each, 35c; per dozen, \$3.50

**WELTONIENSIS.** A dwarf, much-branched sort (tree type) with small, clearly-defined lacinated foliage. Produces small white flowers in profusion. This splendid variety is popular in most parts of the world.

Each, 35c; per dozen, \$3.50

### SEMPERFLORENS TYPE

The varieties of this class produce elegant effects planted on the margin of beds as a setting to taller plants and throughout the year are a veritable mass of color. For low bedding purposes they excel all others. Average height 10 inches.

**CHRISTMAS CHEER.** A very large-flowered new variety, the blossoms attaining a diameter of 2 inches. Dark crimson-scarlet. One of the finest bedding varieties that has come to our notice.

Each, 15c; per dozen, \$1.50

**CHRISTMAS PINK.** A splendid companion to the foregoing variety. Blossoms, foliage and growth identical, differing only in color, the latter being a delightful shade of warm rose-pink.

Each, 15c; per dozen, \$1.50

**GRACILIS ALBA.** Pure white with large waxy flowers. It combines dwarfness with an excellent compact habit.

Each, 15c; per dozen, \$1.50



## FUCHSIAS--A Noteworthy Collection

THE collection of Fuchsias which we offer is second in quality to none in America. They are select varieties gathered by us from all sources and will be found not only distinct in character but remarkable for enormous size of individual blossoms and splendid free-blooming habit. We have taken pains to assemble exclusively the best in their respective types. These plants are in 4-inch pots.

### CHOICE DOUBLE VARIETIES

**ANDRE LE NOSTRE.** A superb large-flowered free-blooming variety, very double. The corolla is a beautiful shade of rosllyn blue. Each, 35c

**BARON VON KETTELER.** A giant-flowered, deep, rich purple variety, with distinct scarlet sepals. Each, 35c

**BERANGER.** Dark purplish-blue with distinct red sepals. Very fine. Each, 35c

**DIAMANT.** A superb white variety, the corolla being streaked with rosy-carmine. Enormous flowers. Each, 35c

**DR. BEHRING.** Bluish-purple corolla. Sepals pink. A superb variety. Each, 35c

**DOLLAR PRINZESSIN.** Corolla purple. Sepals pink. Very free-blooming. Each, 35c

**EMILE LAURENT.** Rose with handsome white corolla. Clear-rose sepals. Each, 35c

**GENERAL d'AMADE.** Corolla dark rosy pink. Sepals pink. Extra large. Each, 35c

**GENERAL DRUDE.** Flesh-pink corolla, light-scarlet sepals, attractive, immense blossoms. Each, 35c

**G. PORTESI.** Violet blue with veinings of scarlet in the corolla. Each, 35c

**GRAPHIC.** Deep violet purple. Sepals scarlet. Each, 35c

**JARRY DESLOGES.** Rose-purple with scarlet sepals. Very double. Each, 35c

**JULIETTE ADAMS.** A remarkably free flowering double white. Quite distinct from other whites of this set. Each, 35c

**LA PERLE.** Extremely double. Rich-purple corolla, dark-red sepals, a striking combination. Tall, large-flowering. Each, 35c

**LE ROBUSTE.** Violet blue, veined with dark rose. Each, 35c

**LUCIEN DANIEL.** A superb shade of mauve. Sepals light red. Extra choice. Each, 35c

**MONSIEUR LEQUET.** Fine double. Light-flesh corolla tinted pink, white sepals. Large-flowered, tall. Each, 35c

**MRS. GLADSTONE.** White corolla with pink veinings, pink sepals. Large-flowering, tall-growing. Each, 35c

**MONSIEUR MORLIERE.** Giant violet-purple. Each, 35c

**PYTHAGORE.** Dark red sepals. Large, handsome violet colored corolla. Each, 35c

**RENAULT MORLIERE.** Deep prune color. Enormous flowers. Each, 35c

**ROSE PHENOMENAL.** A superb shade of rosy lavender. A gem. Each, 35c  
Any of the above varieties, Per dozen, \$3.50

### SELECT SINGLE KINDS

**ALLENE.** Large-flowering single with mauve corolla and red sepals, a lovely combination. Each, 35c

**BLACK PRINCE.** Rich rose colored corolla with scarlet sepals. Each, 35c

**ELSA.** Corolla rosy purple. Sepals with flesh tint. Each, 35c

**PRIDE OF OXFORD.** Long white corolla, scarlet sepals, rich and effective. Huge blossoms. Each, 35c

**SOUVENIR DE HENRY HENKLE.** A hybrid of the triphylla class with begonia-rose blossoms some 3 inches long, borne in clusters. Large bronze-green foliage. Each, 35c

**SWANLEY YELLOW.** A beautiful single variety, similar in form to the preceding, with extra-long tube and spreading sepals. A distinct shade of orange-red. Each, 35c

**SYLVIA.** White corolla, sepals brilliant scarlet. A large-flowered gem. Each, 35c  
Any of the above varieties, Per dozen, \$3.50

### DAINTY "BABY FUCHSIAS"

These so-called Baby Fuchsias are handsome miniature-flowered forms resulting from crosses made between *Fuchsia Riccartonii* and some of the large-flowered types. They are very vigorous growers and in the southern sections of California often attain a height of 8 to 10 feet when planted in the open ground. They produce a wonderful profusion of small, dainty flowers that completely cover the plants. If planted in north borders, as a background, they are of superb effect. Planted in tubs or pots they are also of splendid use as porch plants. We secured these varieties from France, where they are exceedingly popular. We give only brief descriptions but the varieties all are distinct either as to form or color.

**BABY.** Phlox-purple corolla, scarlet sepals.

**CARMEN.** Violet.

**ELYSEE.** Rose-pink and white.

**FUCHSIA THYMIFOLIA.** Tiny flowers, uniform crimson. Medium height.

**HELENE.** White corolla, red sepals. Wonderful bloomer, very pretty.

**L'ENFANT PRODIGUE.** Violet-purple.

**MINOS.** Dark-purple.

**MRS. JOSEPHINE FRANKENFIELD.** White.

**RONCARD.** Violet.

**TELEGRAPH.** Purple.

Any of the above varieties.

Each, 25c; per doz., \$2.50

**CULTURE:** Fuchsias are moisture-loving subjects. The original species from which the hybrids were raised are principally natives of Central and South America, where abundant rainfall occurs during the various months of the year. Although most species are tropical or semi-tropical in their nature they are amenable to both indoor and outdoor culture in the temperate zones.

Few subjects will give better results planted in a north-shady position. They grow with great rapidity and blossom without intermission from early spring until late autumn. They may be grown as single specimens trained to pyramidal form or as standards on single stems. Planted early in spring and given an abundance of moisture they soon become, with only a nominal amount of care, plants of splendid effect and beauty. They are gross feeders. If the soil is at all poor, a liberal mulch of well-rotted manure, with cow manure as a preference, is needed.

# GLADIOLUS--Long-Season Beauty

**D**UE to its surpassing effectiveness as a garden decorative flower and its delicate, lasting beauty as a subject for cutting the Gladiolus easily holds a first place among the most popular spring, summer and autumn-blooming bulbous plants. By setting out the bulbs at intervals from fall to spring and even as late as August a succession of handsome spikes of blossoms may be obtained during a long period and you can have them to grace your Christmas table. They are readily grown in any good soil, where the bulbs should be planted 3 or 4 inches below the surface and 6 to 8 inches apart. Copious supplies of water are essential during their growing period. We offer the choicest varieties to give a glorious range of colors and combinations of colors. There are many places about the home grounds where these hardy, free-flowering and showy plants will give brilliant and pleasing results.

**FOREST FIRE.** The most dazzling Gladiolus ever brought out—a scarlet so brilliant that it appears fiery as golden flame, at once suggesting an intense blaze, hence the name. This Howard & Smith production created a sensation when introduced last year and continues to attract the keenest interest and admiration. The spikes of bloom are of medium height, the individual flowers well formed and of fine size, a number open at a time. Equally excellent for bedding or cutting purposes. **Each, 35c; per dozen, \$3.50**

**ALICE TIPLADY.** Orange-salmon and flame-pink, a shade of great beauty and appeal. Graceful spikes of charming flowers—a hybrid of the airy Primulinus class and a new Gladiolus of merit. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**AMERICA.** An exquisite shade of lavender-pink. Very large blossoms, 8 to 10 fully expanded on a spike at a time. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**E. J. SHAYLOR.** Ruffled petals, a deep, rich-rose color. Grows vigorously and produces a tall stem bearing many open flowers at one time. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**GRETCHEN ZANG.** Clear, soft salmon-pink, blending to scarlet on lower petals. One of the most attractive sorts. **Each, 10c; per dozen, \$1.00; per 100, \$7.50**

**JACK LONDON.** Light-salmon striped vermillion, an unusual effect and very pretty. Splendid flowers borne on particularly-tall spikes that make a bright showing outdoors or in. **Each, 15c; per dozen, \$1.50; per 100, \$10.00**

**LOS ANGELES.** This comparatively-new variety is among the best for cutting. Shrimp-pink tinted orange-gold. A glorious California production and perhaps the nearest to ever-blooming yet developed. **Each, 10c; per dozen, \$1.00; per 100, \$7.50**

**MAIDEN'S BLUSH.** A tall-growing sort of the Primulinus type producing elegant spikes of dainty flowers, soft peach-blush pink. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**MRS. FRANK PENDLETON.** Immense flowers with ground color of rosy-pink, shading lighter at the edges, and the throat beautifully blotched deep-crimson and maroon, with pencilings of scarlet reaching outward. Vigorous plants, strong stems, and fine for cutting. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**ORANGE QUEEN.** Of distinct and striking beauty. The color is like sunset, a blending of old-gold and copper. Produces strong, thin stalks of medium length with handsome individual flowers gracefully placed. Ideal for cutting. One of the finest high-colored Gladioli yet introduced. **Each, 15c; per dozen, \$1.50; per 100, \$10.00**

**PRINCE OF WALES.** Early-flowering, with well-placed blossoms of superb size. A delicate shade of apricot-pink overlaid with salmon. Fine. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**ROSE ASH.** Extraordinary in coloring—Corinthian red shading to ashes-of-roses, with the lower petals shaded yellow. Alone in a peculiar beauty class that appeals to everyone. **Each, 10c; per dozen, \$1.00; per 100, \$7.50**

**SALMONEA.** Large individual flowers elegantly disposed on great spikes, especially good for cutting. A delightful salmon shade. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**SOUVENIR.** Pure golden-yellow, a gem in its color field. Free-flowering, tall and graceful—a Primulinus hybrid. Makes a rich display. **Each, 10c; per dozen, \$1.00; per 100, \$7.50**

**SPHINX.** Deep-rose shade with the throat blotched dark, an effect quite distinct from any other kind. An effective color in splendid spikes of bloom. **Each, 10c; per dozen, 75c; per 100, \$5.00**

**VIRGINIA.** Rich, glowing crimson-scarlet. Large, full open flowers of intense brilliance. A grand older variety either for garden decoration or cutting. **Each, 10c; per dozen, 50c; per 100, \$4.00**

**H. & S. SPECIAL MIXED.** This heading includes a comprehensive assortment of the superior named varieties in a wide range of hues to make a telling display where no particular color scheme is desired. We do not believe that a better mixture can be procured anywhere. Much pleasure is to be derived from watching the different sorts come into flower. The bulbs are extra selected and will give full satisfaction in results. **Per dozen, 50c; per 100, \$4.00**

**H. & S. PRIMULINUS HYBRIDS, Mixed.** This dainty class of Gladioli, with flowers of orchid-like nature, was obtained by crossing the original African species Primulinus with those of the older varieties. The blossoms are beautifully placed on slender, wiry stems, and their range of colors differs from the larger-flowered types, being rich in shades of golden-bronze, apricot, shell-pink, brilliant orange, etc. Strong flowering bulbs. **Per dozen, 50c; per 100, \$4.00**

## HEMEROCALLIS

(JAPANESE DAY LILY)

These have long been garden favorites. All the varieties are beautiful and desirable, with tall, graceful, grass-like foliage that sets off the large trumpet-shaped flowers effectively. They are of perennial duration, look particularly well naturalized along streams or on moist banks, and will thrive luxuriantly in the shade. Good for rock work, borders and beds. Little care is required beyond watering.

**AURANTIACA MAJOR.** Enormous blossoms of rich orange, sweetly scented. A vigorous-growing, strong-flowering kind.

**FLORHAM.** Pure light-yellow, medium-size flowers, and a constant bloomer from April to November. Of especial value for herbaceous borders.

**KWANSO.** Large double flowers of striking color, a deep golden-bronze. An interesting development. Any of the above, **Each, 35c; per dozen, \$3.50.**



# GERANIUMS--Reliable Bloomers

THE zonal Pelargoniums, commonly called Geraniums, are of such value as flowering decorative plants practically the year through that they commend themselves to all who possess gardens and enjoy the superb stretches of color obtainable with them. The newer and improved types which we offer are exceedingly fine and even with the most ordinary attention may be relied upon to produce an uninterrupted display of bloom from early spring to late autumn. The plants are in 2½-inch pots.

## BEST SINGLE TYPES

**ALICE OF VINCENNES.** A splendid variety. Pure white, merging through carmine-rose to intense-scarlet at outer edges of petals.

Each, 15c; per dozen, \$1.50

**CRABBE.** Mammoth-flowered. Beautiful shade of salmon-pink. Remarkable for its gigantic trusses.

Each, 15c; per dozen, \$1.50

**COUNTESS OF JERSEY.** A lovely new single of beautiful salmon-pink tone with distinct white eye.

Each, 20c; per dozen, \$2.00

**FRED BEAN.** Bright salmon pink. Remarkable for immense blossoms and splendid free-blooming qualities.

Each, 15c; per dozen, \$1.50

**HALL CAINE.** An ideal bedding Geranium bearing trusses and florets of immense size. Growth compact, plants much branched and producing splendid stretches of color. One of the most admired in our entire collection. The color is a lovely shade of soft, glowing scarlet. A dwarf variety distinct in color and foliage, uniform in bloom and growth, and a universal favorite. Also makes a good pot plant.

Each, 20c; per dozen, \$2.00

**HERRICK.** A dwarf-growing, compact-habit variety. Flowers intense scarlet. A splendid bedder.

Each, 15c; per dozen, \$1.50

**JACQUERIE.** Probably the finest dark-crimson single Geranium in existence. The mammoth flowers are ideal in form and have that rich, velvety crimson-scarlet color that is admired by everyone. For bedding it is unsurpassed.

Each, 15c; per dozen, \$1.50

**JOHN FORBES.** Bright orange-scarlet with immense circular flowers and gigantic trusses. Growth dwarf and bushy.

Each, 15c; per dozen, \$1.50

**L'AUBE.** Unquestionably one of the finest of all single whites. Pure, snowy white.

Each, 15c; per dozen, \$1.50

**MARY SEATON.** Large-flowered scarlet with distinct white eye.

Each, 15c; per dozen, \$1.50

**MAXIME KOVALESKY.** An unusual color and easily one of the most striking extant for bedding—the nearest approach to orange to be found in Geraniums. A bed in flower conveys the impression of a mass of deep orange-colored bloom. A variety of exquisite effect when grown by itself. The trusses clean nicely and the general appearance of the plants is always bright and fresh. One of the most distinct advances.

Each, 20c; per dozen, \$2.00

**PRESIDENT MCKINLEY.** Purplish-crimson. Flowers exceedingly large.

Each, 15c; per dozen, \$1.50

**GERTRUDE PEARSON.** One of the finest of all pink Geraniums for bedding purposes. Pure rose-pink with large white eye.

Each, 15c; per dozen, \$1.50

**GEN. LEONARD WOOD.** Center of flower white, edges broadly banded with rosy-carmine. A splendid variety.

Each, 15c; per dozen, \$1.50

**PAUL CRAMPBEL.** Generally recognized as one of the best of all bright-scarlet varieties. A splendid bedder, with enormous trusses of flowers freely produced on dwarf, compact plants.

Each, 15c; per dozen, \$1.50

**RENE BOYSLEVRE.** White at the center, shading to scarlet and violet at the edges of the petals.

Each, 15c; per dozen, \$1.50

**SNOWDROP.** A splendid bedding variety. Pure white. Very large trusses. A constant and abundant bloomer.

Each, 15c; per dozen, \$1.50

**EMILE ZOLA.** A fine French variety which marks a new departure in color. The trusses are of phenomenal size composed of immense, faultlessly-formed, well-rounded blooms. Growth short-jointed and dwarf. A superb tone of warm salmon with orange shadings.

Each, 15c; per dozen, \$1.50

## CHOICE DOUBLE GERANIUMS

**BEAUTE POITEVINE.** A beautiful type of semi-double Geranium. Exquisite salmon-pink flowers. Very large.

Each, 15c; per dozen, \$1.50

**DE QUIRELLE.** Violet-purple slightly marked white.

Each, 15c; per dozen, \$1.50

**E. H. TREGO.** One of the most brilliantly-colored Geraniums in existence—an intense shade of orange-scarlet. Among the best of the double varieties for bedding.

Each, 15c; per dozen, \$1.50

**FIAT.** Charming deep peach-pink in elegant double flowers. Makes a pretty display.

Each, 15c; per dozen, \$1.50

**JEAN VIAUD.** Rosy pink with white center. Attractive.

Each, 15c; per dozen, \$1.50

**MAD. LANDRY.** Clear salmon, center shading to copper, with white eye.

Each, 15c; per dozen, \$1.50

**M. CONOVAS.** Superb dark crimson-scarlet.

Each, 15c; per dozen, \$1.50

**NUIT POITEVINE.** Glorious shade of red. All the qualities that go to make up a fine Geranium.

Each, 15c; per dozen, \$1.50

**THOMAS MEEHAN.** Bright pink, upper petals stained orange.

Each, 15c; per dozen, \$1.50

**TRIOMPHE DE NANCY.** Carmine-red with white center.

Each, 15c; per dozen, \$1.50

## IVY-LEAVED GERANIUMS

**BERYLWOOD.** An excellent sort producing pure-pink flowers in abundance. Bright foliage.

Each, 15c; per dozen, \$1.50

**CARLOS UHDE.** A magnificent variety. Growth extra dwarf. Brilliant rose-pink, with white eye.

Each, 15c; per dozen, \$1.50

**CHARLES MONSELET.** Deep rosy-red, upper petals nicely marked. Fine, large trusses on long, stiff stems. Free grower and abundant bloomer.

Each, 15c; per dozen, \$1.50

**CHARLES TURNER.** The best-known Ivy Geranium, and for all-around purposes one of the most useful. Deep, bright rosy-pink, with very large flowers. Used as a bedder it produces a sheet of color.

Each, 15c; per dozen, \$1.50

**COL. BADEN-POWELL.** Pearly-white with blush tints. A remarkable break in this class of Geraniums. Flowers immense.

Each, 15c; per dozen, \$1.50

**ETINCELANT.** One of the finest bright-colored ivy Geraniums ever raised. Intense orange-scarlet. Flowers extra large.

Each, 15c; per dozen, \$1.50

**GRINGOIRE.** A flower of superb size and splendid trusses. Bright rosy-carmine.

Each, 15c; per dozen, \$1.50



**HAPPY THOUGHT.** Bronze-variegated foliage that makes a pretty display—the effect for which it is grown. Each, 15c; per dozen, \$1.50

**HIS MAJESTY THE KING.** Soft rosy-scarlet. Very double and of splendid form.

Each, 15c; per dozen, \$1.50

**INCOMPARABLE.** A splendid shade of rosy-carmine. Free blooming. Each, 15c; per dozen, \$1.50

**LA FOUDRE.** Brilliant orange-scarlet. Extra large double blooms. Each, 15c; per dozen, \$1.50

**LEOPARD.** An unique variety. Lavender-pink, blotched crimson on the upper petals.

Each, 15c; per dozen, \$1.50

**MRS. H. J. JONES.** Carmine rose feathered maroon on the upper petals. Each, 15c; per dozen, \$1.50

**PELADAN.** Bright salmon pink, penciled maroon. Each, 15c; per dozen, \$1.50

**SABRINA.** Light scarlet, semi-double and a very free bloomer. Each, 15c; per dozen, \$1.50

**THE BLUSH.** Pure white, faintly tinted rose at the center. Each, 15c; per dozen, \$1.50

**WILLY.** An extra-good bright-scarlet. Each, 15c; per dozen, \$1.50

#### LEMON-SCENTED GERANIUM

A Geranium with finely-cut, beautiful foliage and a sweet, refreshing lemon odor for which it is grown. This fragrant-leaved, old-fashioned plant should be in every garden. Each, 15c; per dozen, \$1.50

#### VARIEGATED ROSE GERANIUM

A variegated variety of the old and well-known Rose Geranium. Its wonderful foliage and fine rose scent make it doubly attractive, and it would be more generally cultivated if better known.

Each, 15c; per dozen, \$1.50

## PETUNIAS--Most Beautiful Strains

**T**HROUGH unremitting work and the closest attention our strains of these beautiful subjects have been brought to the point where they cannot be excelled in quality. They bloom without intermission the greater part of the year and produce gloriously-bright effects with a minimum amount of culture. Rich, loamy soil is best for Petunias, and they require a fully-exposed, sunny situation.

**SHEPHERD'S PRIDE.** A magnificent new giant peony-flowered Petunia with perfectly-double, beautifully-fringed flowers. The color is a lovely shrimp-pink, altogether distinctive. The plants are compact in growth and produce an unbroken mass of bloom from early summer until winter. Splendid for bedding. Strong plants, 2½-inch pots.

Each, 20c; per dozen, \$2.00

**GIANT PEONY-FLOWERED DOUBLE FRINGED Mixed.** The finest fringed varieties in a wide range of the brightest and most pleasing colors. Included are pure-white, lavender, pink, amaranth-purple, ruby-red and innumerable intervening shades and variations. Vigorous plants, 2½-inch pots.

Each, 20c; per dozen, \$2.00

#### DOUBLE FRINGED, SEPARATE COLORS

A very choice strain of giant-flowered fringed doubles in glorious separate colors, each distinct and true. These perfect blossoms are extremely large, intensely fragrant, and have the advantage of being excellent keepers, hence great value for cutting. The plants are of bushy, compact habit and bloom profusely the summer through, making an impressive display. All are grown from selected cuttings and therefore certain to be double.

**PURE WHITE.** Snow-like in chaste beauty.

**APPLEBLOSSOM PINK.** A lovely soft shade.

**PEACHBLOSSOM PINK.** This color is exquisite.

**LILAC.** The very finest shade of lilac.

**MAGENTA.** Warm and striking in effect.

**CRIMSON MARBLED WHITE.** Rich in contrasts. Strong plants, 2½-inch pots.

Each, 20c; per dozen, \$2.00

#### H. & S. PRIZE DOUBLE MIXED

A grand selection of double Petunias in mixed colors, including all shades from pure white to dark crimson—such as pink, crimson and rose, rose edged white, mauve, steel-blue, and others. These Petunias have been chosen from hundreds of seedlings and have not only flowers of immense size, but beautiful form. The larger portion of them are deeply fringed or

lacinated. All plants offered have been grown from carefully-selected cuttings and will give maximum results. Mixed. Excellent plants, 2½-inch pots.

Each, 20c; per dozen, \$2.00

#### RUFFLED AND FRINGED GIANTS

The largest and handsomest of all single Petunias. Blossoms attain a diameter of 5 inches and over and are of thick, leathery texture, with the edges beautifully ruffled and frilled. In some of the latter varieties the ruffles overlay, giving the flower the appearance of a double bloom. Those who want a strain with mammoth flowers will find this selection everything to be desired. The colors range from almost pure white to darkest crimson, with intermediate shades of rose, lavender, copper, etc. Many of the blossoms are two-toned, the outer margins of the petals being prettily marbled and penciled. Ready for transplanting to your garden for a summer show of flowers, May 1. Extra fine plants from 2½-inch pots.

Each, 20c; per dozen, \$2.00

#### SINGLE FRINGED PETUNIAS

Our grand strain of medium-size, compact growing bedding Petunias. The flowers are deeply fringed and ruffled, and although they are not large, are borne so freely that they completely cover the plants. For general bedding purposes where a mass of color is required, we strongly recommend this strain. Ready May 1, in 2½-inch pots. Each, 10c; per dozen, \$1.00

#### TWO VERY FINE BEDDING PETUNIAS

These are free-flowering and showy, their lavish profusion of bloom making them especially adaptable for bedding purposes. They make a wonderful display from early summer until winter and will be found thoroughly satisfactory.

**ADMIRATION.** Deep, blackish-violet, a shade indescribably rich. Large single flowers of wonderful texture and velvety sheen. Both frilled and plain edges manifest themselves in this impressive variety.

**ROMANY LASS.** Giant-flowered, handsomely-fimbriated single of glowing pigeon-red ruby on a wide margin, with a dark throat heavily veined white, and soft-blue stamens. Distinctive and decidedly attractive.

Strong plants, 4-inch pots.

Each, 20c; per dozen, \$2.00



## VERBENAS--Mammoth-Flowered Varieties

**F**EW plants are more desirable than Verbenas for bedding purposes. They produce a bright and lasting mass of color during the major portion of the year. The varieties noted below are exceedingly choice. We call special attention to the new sort, Lilac Queen:

**LILAC QUEEN.** This 1931 novelty Verbena is one of the most magnificent ever raised. Its individual florets are of great size and form enormous trusses, exceeding those of any Verbena we have grown to date. The effect of a bed solidly planted with this variety is striking. The color is a pure, uniform shade of clear lilac-blue, the center of the flower relieved with a white eye. Truly a regal sort.  
Each, 25c; per dozen, \$2.50

**BEAUTY OF OXFORD.** Very large-flowered light-rose. Individual trusses and blossoms immense. This variety is a gem for bedding purposes.

Each, 15c; per dozen, \$1.50

**CERISE QUEEN.** A lovely shade of rosy-cerise with a well-developed small white eye. A giant both in size of trusses and individual florets, of vigorous growth, and very fine. Each, 15c; per dozen, \$1.50

**CRIMSON KING.** The largest-flowered Verbena, an individual floret in a truss covering a 50-cent coin.

Its color is unequaled by any other variety—one of those deep, glorious crimsons that catches the eye. A Howard & Smith production and grand for bedding or parking, providing a sheet of rich bloom from spring until late autumn. Tremendous in growth, with deep-green foliage.

Each, 15c; per dozen, \$1.50

**DARK MAROON.** A variety bearing large florets in huge trusses and of wonderful color true to its name. It makes a particularly effective display because of its rich shade and freedom of bloom.

Each, 15c; per dozen, \$1.50

**ELLEN WILMOTT.** The best of the deep-rose colored Verbenas. Flowers and trusses of splendid size, with a color tone of charming effect.

Each, 10c; per dozen, \$1.00

**LAVENDER QUEEN.** This variety is the result of our own crosses. Beautiful shade of pure-lavender, and it is one of the best of that color. Trusses extra large.

Each, 15c; per dozen, \$1.50

**PURPLE KING.** A vivid bluish purple and unquestionably the finest of its color.

Each, 15c; per dozen, \$1.50

## CYCLAMEN--Magnificent Novelties

**W**E devote special attention to these favorite winter-flowering bulbous plants and grow them in immense quantities. Our collection embraces magnificent novelties and the strains are among the finest in existence.

Though generally regarded as indoor-flowering pot subjects Cyclamens have at least equal value for planting in shady beds in the garden, where they will grow with great vigor and produce enormous quantities of bloom—this in climates where heavy freezing conditions do not obtain. In the open ground, protected from the sun, they will thrive for several years, the corms increasing in size; and they will make a grand showing in the dense shade of oak or other trees where very few subjects can succeed. The types we offer are giant-flowered, with blossoms of wonderful size and substance, and handsome ornamental foliage. They include some remarkable new shades in the following varieties:

**DARK SALMON.** Immense flowers of graceful form, a peculiarly-rich shade of dark salmon. The petals are broad and beautifully reflexed.

**DIANA.** Salmon-scarlet with carmine eye, a warm and effective color combination distinguishing a blossom of huge size and splendid form.

**LEUCHTFEUER (Love's Fire).** Orange-salmon, a fascinating shade quite different from the color of any other Cyclamen, in a bloom of perfection.

**PEARL OF ZEHLENDORF, Rococo type, fringed.** Extremely large flowers with petals deeply notched and dentate. Instead of being reflexed as in the ordinary type the blossoms are more or less flat and spreading. This strain is choice and unique. A pure, silvery salmon-rose with a pearly glister.

**PEARL OF ZEHLENDORF.** The same glistening shade of salmon-rose in a flower of the plain type. As meritorious in size and form as in its lovely color.

**ROSE OF ZEHLENDORF, Rococo type, fringed.** Sparkling shade of rose, extremely rich and rare. Flowers otherwise identical with Pearl of Zehlendorf, Rococo type.

**ROCOCO TYPE, FRINGED, Mixed.** Includes all the colors from pure white to darkest red in flowers of this admirable type—the same enormous size and attractive form.

**SALMON PINK.** As delightful a shade of soft pink as can be conceived. Giant flowers with broad petals artistically reflexed.

**GOLDEN SALMON.** A flower of striking beauty, its salmon ground overlaid with orange that imparts to it a distinct glow throughout. Entirely unlike the other salmon shades.

Excellent plants in bud and flower from 4-inch pots, October to February.

Each, 50c; per dozen, \$3.50

**Culture:** Plant in the shade. The corms should be so set that the crown is even with the surface of the ground; in fact, it is better to have it exposed for half its thickness. To allow soil to collect at the base of the leaf is sure to result disastrously.

### Published for Your Guidance

What and When to Plant is a trustworthy guide for all who would obtain the most satisfying results—the fullest enjoyment from every form of planting in their gardens and home grounds. We shall appreciate the courtesy and our customers will be conferring a favor on friends who are interested in flowers by sending us their names and addresses for the mailing list. What and When to Plant is sent gratis. Don't fail to notify us of change of address in case of removal.





Glorious Reaches of Iris at Our Rivera Plant, in the Foreground the Dainty Variety Zephyr

## IRIS--*In Gorgeous Array*

### MANY NOVELTIES AND SELECT VARIETIES

**T**HE INTRODUCTION of many lovely hybrids during the past few years has given a great impetus to the cultivation of Iris and its popularity has accordingly expanded; but as with the Rose, Dahlia and other subjects numerous nondescript varieties have also been offered. In order to make a proper selection of meritorious sorts we have for years carried on extensive elimination tests at our Rivera Trial Grounds to determine the value of hundreds of these various introductions prior to offering any of them to our customers. In the following set will be found a selection of the latest sorts of exemplary worth—all distinct, handsome in form, novel in colors and free in bloom. We have the latest novelties and the choicest new and older kinds. There is no place where Irises will succeed more thoroughly than in Southern California. Here they are at their best during a long period and certain to give the utmost satisfaction. They will grow anywhere, in full sun or semi-shade, and in ordinary garden soil. There is no flower that will give a richer range of color, with every conceivable fragrance, wide diversity of form, height and size, and appealing qualities generally.

**AURELLE.** One of the richest-colored Irises in cultivation. Standards broad and rounded, a charming deep mauve. Falls penciled brown and chocolate at the base, merging to violet-crimson and shading lighter in the lower portions of the petals. Prominent orange-yellow beard. Unique in color and a remarkably fine sort; tall-growing, 3½ feet.  
Each, \$1.00

**CAMELOT.** Among the daintiest of modern hybrid Irises. Standards pure white, stippled with light blue at the edges. Falls creamy-white, with dainty pencilings and stippings of light blue at the edges. Very free, of moderate size, and an exquisite variety.  
Each, \$1.00

**CARTHUSIAN.** Very early and unusually fragrant. Standards pure lavender-blue and falls a darker lavender-blue with a slight staining of purple, heavily penciled at the base with brown and gold. Extremely large flowers on compact plants with broad, heavy foliage.  
Each, \$1.00

**CHASSEUR.** A splendid acquisition to the none-too-long list of good yellow Iris. The flowers open a dark bronzy yellow, turning paler as the blossoms mature. The standards are broad, the falls well rounded, pale yellow to center. Flower stems attain a height of 3 feet. A late flowering variety of unquestionable worth and merit.  
Each, \$1.00

**CHATELET.** A very strong growing variety bearing flowers of immense size, which possess the additional advantage of being exceedingly fragrant. The edges of the standards are beautifully ruffled and undulated. Standards lavender overlaying a white ground, falls light purple heavily penciled white, the pencilings extending their full length. Each, 75c

**CITRONELLA.** Standards lovely chrome-yellow, falls crimson, with a medial line of gold extending from the prominent intense orange beard to the base of the petals. Handsome, rugged and brilliant. Award of Merit, Royal Horticultural Society of England.  
Each, \$1.00



**CRETON.** Standards deep rich purple, falls dark maroon-purple. Beard clear orange and conspicuous. A pleasing sort. Each, 50c

**CRUSADER.** A magnificent Iris. Particularly fine foliage. Standards pure, rich blue, falls heavily penciled brown and orange at the base, shading in the lower portions to wonderful bluish-purple. Considered by many the best of all the blues. Each, \$1.00

**DALILA.** Unique and unduplicated in color. Standards ivory-white with a most delicate flush of pale rosy-lavender. Falls velvety maroon with a pure-white throat flushed canary-yellow and netted with golden-brown veins. Dwarf, compact grower of remarkable symmetry and beauty. Late. 24 inches. Each, 75c

**EDEN PHILLPOTTS.** An excellent Iris of splendid form and size. Standards and falls are a lovely clear shade of dark lavender blue. Beard white and yellow. The plant is very vigorous, attaining a height of some 4 feet. Each, 75c

**FLAMING SWORD.** Standards deep golden-yellow, falls a lovely shade of rich maroon-crimson, beautifully reticulated and stippled with gold. A heavy margin of bright gold on the falls enhances the color combination. This is a remarkably handsome Iris, very fine in every respect. 2 feet. Each, \$1.00

**GLADYS ROBERTS.** A very large-flowered variety of perfect form and wonderful substance. Color a uniform shade of light reddish-purple in both standards and falls. Conspicuous orange beard. Bright and effective, presenting a fine sheet of color in a group. Each, \$1.00

**HUSSARD.** Plant of splendid habit. Flower stems attain a height of from 30 to 36 inches. Flowers of very large size, with standards a lovely shade of lavender blue. Falls a lighter shade of the same color. Beard intense deep orange and especially showy. Each, 75c



Cluny, Among the Prettiest of Irises

**ISTRIA.** One of the best large pure-white Irises of the Pallida type. Of ultra-refined form and splendid texture. Flowers immense and uniformly like freshly-fallen snow, simply superb. Each, \$1.00

**J. B. DUMAS.** A splendid large-flowered, tall variety with standards of bronze-lilac heavily penciled in brown and gold at the base; and falls rich wine-purple clearly penciled golden-brown half their length. The whole blossom has a distinct metallic luster. 3½ feet. Each, \$1.50

**KASHMIR WHITE.** One of the finest of all white Irises. The flower stems attain a height of from 3 to 4 feet, carrying six very large pure white flowers. Very free flowering. An outstanding variety in the lighter colored section. Each, 50c

**LADY BYNG.** Color a uniform soft ageratum-violet. A charming variety with flowers of medium size and very free-blooming. Long, grassy foliage. Sold several years ago at \$50.00 a root. 3 feet. Each, \$1.00

**LADY CHARLES ALLOM.** A beautiful self-colored Iris with broad incurved standards, rich bright blue. Falls of a slightly darker shade, the beauty of the whole blossom being accentuated by a bold yellow beard. Each, \$1.00

**MARSOUIN.** A splendid mid-season Iris. Flowers very large. Standards pale violet. Falls violet, purple striped and penciled, with brown at the base. Height 36 inches. Each, 75c

**MIRANDA.** A flower of faultless form and a beautiful uniform deep, rich blue both in standards and falls, the effect being delightful. Each, \$1.00

**MISSIS FORD.** Blossoms of exceedingly large size with full, rounded petals and prominent golden-yellow beard. Standards an exquisite shade of light blue, falls deep velvety purple. Each, \$1.00

**MLLE. SCHWARTZ.** A fascinating Iris of French origin, the branching spikes carrying enormous flowers of true Pallida form. The color is a lovely pale lavender-blue, uniform throughout the flower, with gold pencilings at base of falls. One of the tall varieties, 4 feet. Each, 75c



Alcazar, a Very Handsome Bearded Iris



**MRS. FRED STERN.** A very brightly colored Iris for the open border which attains a height of some 3 feet. Standards a very beautiful shade of light violet. Falls a brilliant rosy violet. Each, 75c

**MRS. H. F. BOWLES.** Standards very broad, gracefully arched. In color a neat shade of old gold shot with purple. Falls of medium size, rich crimson in color, with brown and yellow markings, the base of the falls being handsomely reticulated with brown. Beard golden yellow. This is a magnificent Iris any way you take it. Each, \$1.50

**MRS. WALTER BREWSTER.** A medium early flowering variety with flowers of enormous size. Standards are broad and well rounded, light lavender blue in color. The falls are wide and spreading. Color a delightful shade of aniline blue, marked with brown stripes at the base. Beard golden yellow. A remarkably free flowering variety, with blossoms borne on strong, stout stems. Height, 3 to 3½ feet. Each, 75c

**NEPTUNE.** One of the late varieties bearing fine large blossoms of perfect form. Standards pale-blue, falls violet shading to light-blue. Beard orange and boldly displayed. Each, \$1.00

**PIONEER.** Truly a marvelous Iris of most effective color—a uniform brilliant deep purple in both the standards and falls. A tremendous grower, with large foliage, attaining a height of 3½ feet. Each, \$1.00

**PRIVATE W. A. LOGAN, M. C.** A massive, well built flower with broad, clear blue, incurved standards. Falls beautiful art shade of plum purple, reticulated white at the base, with distinct orange beard. Strong, vigorous growing variety, attaining a height of 3½ feet. Each, \$1.00

**PROSPERO.** One of the most vigorous and tall growing Irises obtained in our tests of new varieties. The flowers are of immense size, with bronzy lavender standards and beautiful deep violet purple falls, the latter margined pale violet. Each, 50c

**QUEEN ELINOR.** A dainty small-flowered sort and an exceedingly free bloomer, yielding tremendous masses of exquisitely-formed blossoms. Standards a rare shade of bluish-mauve and falls deep crimson-violet, an elegant combination. Each, 75c

**SOUVENIR DE MAD. GAUDICHAU.** In our opinion this is one of the most remarkable of all flag Irises. A representative of our firm first saw it growing in the originator's gardens near Paris, France, where it was outstanding in a very large collection of hybrid seedlings. Although introduced a few seasons ago it still is one of the conspicuous varieties in modern Irises. A very tall grower and bears flowers of immense size and substance. Rich purple, of velvety appearance, splendid in shape, with flowers of perfect form and finish. Each, 75c

**STANDARD BEARER.** A beautiful clear reddish purple; the color being uniform, both in standards and falls. Plants vigorous, attaining a height of some 3 feet. A block of this Iris in bloom at our trials last season elicited many favorable comments. Each, 75c

**SUSAN BLISS.** One of the very best near-pink Irises and a novelty that created a sensation when



**Iris Archeveque, Virtually Ever-Blooming**

introduced. Flowers are a delightful shade of mauve-rose both in standards and falls and profusely borne on stout erect stems. A gem in any collection. Each, \$1.50

**TURCO.** A medium to late flowering variety. Plant of compact habit, ranging 30 inches in height. Medium sized flowers. The upper segments are a novel shade of rosy lilac; lower falls suffused with blue on a yellow ground. The mass effect of this variety in bloom is very striking indeed. A sort that we can highly recommend. Each, 75c

**VELOUTE.** A very handsome Iris similar to the splendid old variety Monsignor, but darker in color. The falls are violet purple, shaded with velvety black, striped with white at the base. Standards a deep, aniline blue. Each, 50c

**VOLUMNIA.** Remarkably strong-growing variety with broad, straplike foliage and flower stems 2½ to 4 feet high. Standards pale blue, falls penciled with light orange-brown at the base, deepening to violet and light blue in the lower portion. Each, 75c

**W. C. TERRY.** Blossoms very large, of perfect form. Standards rich light-blue, heavily veined darker in the lower portion. Falls a lovely shade of violet-purple, penciled brown. Prominent golden-yellow beard. Each, \$1.00

**SPECIAL LOW-PRICE OFFER:** One each of the above 37 superb new Iris, delivered postpaid anywhere in the U. S. A., \$27.50.

## H. & S. SPECIAL OFFERS OF FINE IRIS IN COLLECTIONS

For the benefit of many of our customers who are not conversant with the numerous varieties of Iris and therefore in doubt regarding just which to order we have made up the following low-priced collections. Each of these contains many of the finest sorts, which we are able to include because our stocks are large and this plan relieves us of a surplus in certain blocks. These collections are of excellent value but the selection is entirely at our disposition:

**COLLECTION A**—12 Choice Sorts, Older Varieties, Carefully Labeled, \$3.00.

**COLLECTION B**—12 Choice Sorts, Newer Varieties, Carefully Labeled, \$4.00.

**COLLECTION C**—24 Choice Sorts, Older Varieties, Carefully Labeled, \$5.00.

**COLLECTION D**—24 Choice Sorts, Newer Varieties, Carefully Labeled, \$7.50.



## Water Iris

### TALL-GROWING GROUP

The Irises in the following group are tall growers with long, grassy foliage, particularly adapted for waterside planting. The flower stems attain a height of 4 to 7 feet and bear blossoms in lavish profusion during April and May. The blooms are more or less similar in form to those of the Spanish or Dutch Iris and of splendid decorative value for cutting purposes:

**MONSPUR HYBRID.** The flowers of this handsome new variety are equally valuable for cutting as those of the Spanish or Dutch Irises. Standards pure blue; spreading falls a deeper tone, with a central gold bar and reticulations of white. Height, 3-4 feet. **Each, 50c**

**MUSULMANICA SKY-BLUE.** Elegant flowers of the glorious color indicated by the name, with golden-yellow medial line in the falls. Handsome both in flower and foliage, the latter being grassy. **Each, 75c**

**OCHROAUREA.** Very scarce and a highly desirable variety, being one of the most vigorous growers of this entire class. Magnificent flowers are produced on 6 to 7 foot stems. The upper segments are an admirable shade of creamy-white banded with gold in the center. The falls are broad and rounded, deep golden-yellow handsomely margined with creamy-white. **Each, \$1.00**

**OCHROLEUCA REFLEX.** A handsome water Iris composed of many extra segments, more or less cristate at the ends and giving the impression of a double flower. Superior petals a deep golden-yellow merging to creamy-white at the margins. The whole effect is that of a double form and pretty. **Each, 75c**

**PSEUDACORUS AUREA VILMOREANA.** One of the most magnificent of all water Irises. The flowers are of marvelous size and a uniform rich golden-yellow. The blossoms of this exceedingly fine hybrid are ideal for cutting. Splendid for



Fairy, a Dainty Iris of Lavender Shade

planting along water courses, though growing equally well in the open garden. **Each, \$1.00**

**SPECIAL OFFER:** One strong division of each of the above, \$3.00.

## General Collection

### BEST OF PROVEN VARIETIES

The Irises under this heading, though not novelties, include the best of the proven varieties of earlier introduction, many of which have never been surpassed, and we can recommend every one. They are of the same fine race of hybrids as the novelties and late introductions noted above, with similar sturdy growth, immense blossoms and striking and beautiful range of colors. In the main they are of French origin and represent one of the most conspicuous advances made in the improvement of this favorite garden plant:

**ALCAZAR.** One of the handsomest bearded Iris in the collection. A strong, vigorous grower, with much branched stems. Flowers of gigantic size, displaying to great advantage a wonderful combination of colors. Standards are bright deep blue. Falls violet purple with yellow beard. **Each, 35c**

**AMAS.** Immense globular flowers. Standards a lovely shade of lavender blue. Height, 2 feet. **Each, 35c**



King of Iris, Old Gold and Rich Maroon



**AMBASSADOR.** One of the finest introductions in modern times. The stout stem bears flowers of magnificent size and form and quite unique as to color. Standards deep lavender shot with bronze. Falls maroon with purplish cast. Each, 50c

**AMBIGU.** Standards of distinct reddish purple. Falls maroon reticulated with brown at the base. Beard orange-yellow. Height 2 feet. Each, 50c

**ARCHEVEQUE.** Standards a rich shade of reddish purple. Falls dark velvety purple. Might well be regarded as an ever-blooming variety, bearing quantities of flowers not only during the spring, but during fall until winter. Height, 2 feet. Each, 35c

**BALLERINE.** A superb novelty. This lovely Iris reaches the height of 4 feet, the broad foliage being surmounted with masses of glorious orchid-like flowers. Standards are a wonderful shade of porcelain blue, broad and rounded with wavy margins. Falls of a slightly deeper shade of blue. A deliciously scented variety. Each, 50c

**BOSNIAMAC.** Standards primrose yellow, falls primrose shot with blue, with the base of the falls reticulated with blue. One of the best in its class of shades approaching yellow. Each, 50c

**CANDELABRE.** A distinct shade of pale blue veined and marked with purple. Stems very much branched, bearing large numbers of handsome flowers. Height, 2½ feet. Each, 35c

**CAPRICE.** Enormous blooms in a lovely shade of pure violet blue. Very attractive as a cut flower, its size being remarkable for its class. Height, 2½ feet. Each, 35c

**CATERINA.** A superb variety. Unquestionably one of the handsomest. A giant, not only in height but also in the mammoth size of its blossoms. The stems are long and much branched, bearing flowers of a clean, even shade of lavender blue. Height, 4 feet. Each, 25c

**CHERUBIM.** An exquisitely colored variety. The standards a distinct shade of pale lilac. Falls lavender veined with white. Height, 2½ feet. Each, 25c

**CLUNY.** A lovely Iris. Standards are wistaria blue, falls soft bluish violet with darker shadings. Very free. Height, 4 feet. Each, 50c

**DEJAZET.** Standards lavender overlaid with brown, falls purple with sepia brown. Each, 50c

**ED. MICHEL.** In our opinion one of the finest Iris introduced in recent years. The flowers are immense, beautifully poised on tall, vigorous growing stems. The standards are broad and frilled, of a distinct shade of reddish violet. Falls slightly deeper in color. Height, 3 feet. Each, 50c

**ELDORADO.** Standards yellowish bronze, exquisitely shaded with heliotrope. Falls bronze overlaid with blue. Height, 3 feet. Each, 35c

**FAIRY.** One of the daintiest of all tall-flowered Iris. Blossoms of moderate size. Standards and falls prettily suffused with lavender. Has a conspicuous orange beard. Height, 3 feet. Each, 25c

**GOLDEN FLEECE.** A comparatively dwarf intermediate type, bearing handsome light yellow flowers equivalent in color both in standards and falls. A dainty foreground variety. Height, 1½ feet. Each, 35c

**GREVIN.** Standards violet with bronze shadings, falls velvety wine red, reticulated at the base with golden brown. Height, 2 feet. Each, 50c

**ISOLENE.** One of the progenitors of this giant race of hybrid Iris and still one of the best. The plants are of tall growth. Standards brownish lavender shot with bronze. Falls light purple overlaid with bronze, striped with golden brown at the base. Beard golden yellow. Height, 3 feet. Each, 35c



Zephyr, a Favorite Iris of Rare Beauty

**JEANNE d'ARC.** One of the daintiest Iris in existence. Ground color pure white, both in standards and falls, with pencilings of light blue at the outer edges of the petals. A remarkably free bloomer and equal to the finest orchid in point of beauty. Height, 2½ feet. Each, 35c

**KHARPUT.** Standards deep purplish blue. Falls violet blue. Colors are intense in both standards and falls. Very choice. Height, 30 inches. Each, 35c

**KING OF IRIS.** Massive, well-built flowers of splendid texture. Standards rich old gold. Falls broad, in color rich velvety maroon shot with old gold. A striking combination. Height, 2 feet. Each, 35c

**LA NIEGE.** A dainty creamy white semi-tall variety. Very free in bloom, pure in tone. Each, 35c



- LOUTE.** Standards deep lavender shot with brown. Falls purplish wine color, striped with brown at the base of the petals. Beard orange yellow. Each, 35c
- MAGNIFICA.** This Iris is all the name implies. The flowers are simply enormous as to size, borne on stiff branching stems, which attain a height of 4 feet. The falls are a dark reddish violet, the standards light violet blue. Exquisite. Each, 50c
- MEDRANO.** Remarkable in every way. Flowers of large size with standards of reddish copper color. Falls reddish purple overlaid with blue, flaked with lavender and buff. Height, 2 feet. Each, 50c
- MOLIERE.** Standards light blue overlaid with brown, falls purplish maroon merging lighter at the outer edges of the petals. Great blossoms. Each, 50c
- MONSIGNOR.** Richly colored and remarkably free. Standards pale violet purple, falls overlaid and reticulated with deep purple. Immense flowers of splendid substance. Height, 30 inches. Each, 35c
- MRS. REUTHE.** Very early, with moderate-sized flowers. Standards and falls a delicate lavender blue. Although not large in size of bloom, it is a sort of exquisite beauty. Height, 2 feet. Each, 35c
- NEUEE D'ORAGE.** Standards a peculiar shade of grayish lavender. Falls light lavender overlaid with bronze. A variety of remarkable effects and most beautiful. Height, 30 inches. Each, 35c
- OPERA.** Distinct, with flowers of fine shape. Standards are coppery brown shot with purple. Falls wine red, base of the petals bronzy maroon penciled with gold. Height, 2 feet. Each, 50c
- ORIFLAMME.** Gigantic flowers on stout branching stems. Standards a lovely shade of rich bright blue. Falls deep purple. Height, 2½ feet. Each, 35c
- PARISIANA.** Standards light lavender shot with white. Falls blotched with white, reticulated at the edges of the petals with lavender. A handsome flower. Height, 30 inches. Each, 35c
- PROSPER LAUGIER.** Standards bronze with a suffusion of heliotrope blue. Falls rich velvety maroon with brown pencillings at the base of the petals. Beard golden yellow. Height, 3 feet. Each, 35c
- ZEPHYR.** One of the daintiest in the collection, with medium-size flowers of clear lavender-blue. Literally covered with bloom during March and April. Height 3 feet. Each, 35c

## AMARYLLIS

### H. & S. GIANT STRAIN

Flowers of magnificent proportions, model form and surpassing brilliancy and range of colors distinguish our own strain of Amaryllis as one apart—a strain unexcelled, if not unequaled, in America and ranking with the very best ever produced in Europe. From the pure white ground color with delicate markings of rose, red and various other tints they run to dazzling scarlet, rich orange, brightest red, maroon, crimson, striped, mottled and numerous unusual effects.

The blooms average from 9 to 10 inches in diameter and are flat and spreading with full rounded and overlapping petals. Growing to a height of 3 feet the stems, laden with 5 or 6 blossoms each, display them most advantageously and make a pleasing show either at a distance or close up.

Amaryllis, planted in the autumn, are among the early spring bloomers. In Southern California and other warm parts of the country they thrive in the open border; but colder climes need not be a deterrent to their culture because they do exceedingly well in pots and are easy to force. When the buds commence to expand they can be taken into the house for the full flowering and will give delightful results. This quality also makes them desirable for persons hampered by scarcity of soil or lack of space. These



Giant-Flowered Blue Iris—Oriflamme

plants are well adapted to grow among shrubbery or in any parts of the garden where spots of bright color are needed.

The Amaryllis we offer are strictly a Howard & Smith production, the result of many years of hybridization between the finest types in existence, and a better strain cannot be found in the world. They are perfect in color, form, size and substance. Our bulbs are absolutely Class 'A, selected to bloom next Spring. Each, 75c; per dozen, \$7.50

**BELLADONNA.** Lovely rose pink flower with lighter colored throat. Blossoms in August and is devoid of foliage when the tall flower spikes shoot up, hence care must be taken not to disturb it. Mammoth bulbs. Each, 35c; per dozen, \$3.50

## CRINUM

### MAGNIFICENT VARIETIES

**KUNTHIANUM.** A beautiful bulbous plant from New Granada, bearing large umbels of lily-like flowers. Individual blossoms are 3 to 4 inches in diameter. The ground color is white with a bar of rosy red down the center of each petal. This scarce and desirable species will prove of great value in sub-tropical gardening. Each, \$1.00

**POWELLI, Variety Album.** A lovely pure white Crinum bearing a profusion of lily-like blossoms in large umbels on stems 3 to 4 feet high. The bulbs produce several spikes during the season. We had a large block of this variety at our Rivera Trial Grounds during the past season. A bed in bloom reminds one of the Easter Lily. Both this and the variety noted above make splendid tub plants and may be used for the adornment of porches, conservatories, etc. In temperate climates they may be planted in the open ground and allowed to remain undisturbed for several seasons. Each, \$1.00



# PELARGONIUMS--*An Admirable Collection*

**P**ELARGONIUMS, generally spoken of as "Martha Washington Geraniums," rank high among our most beautiful summer and autumn-flowering plants. They offer an amazingly-rich and varied assortment of colors and combinations, and the ease with which they can be grown is a strong factor in their favor. The demand for good Pelargoniums is constantly increasing and we have more than kept pace with it, our great and comprehensive collection including the finest varieties, new and old, now in commerce. They are large-flowered and free-blooming. When well grown in pots they make elegant specimens and if carefully pinched out to make spherical plants they rival azaleas in beauty.

**MISS EDITH CAVELL.** This Howard & Smith novelty Pelargonium stands supreme for exquisite color, size, substance and beauty of bloom, and vigor of growth. Delicate soft-pink, with large, deep velvety maroon blotches bordered gorgeous crimson—an enchanting contrast of utmost effectiveness. Stunning as a specimen plant, equally so for bedding, and the finest possible acquisition to any collection.  
Each, 75c; per dozen, \$7.50

**ANITA.** Center of flower white, margined bright-rose, upper petals feathered dark-crimson. Lovely.

**ANDANKEN an LONDON.** Reddish-scarlet, center white, upper petals blotched black.

**ANDENKEN an MOSCOW.** Deep, rich purple, each petal marked with black blotches. A remarkable variety.

**ANNA RUDLOFF.** Dark-red with immense black blotches. A superb sort.

**BERTHA WAGNER.** Deep carmine-rose, edged white; dainty.

**CARL HOLZMAN.** Deep scarlet; upper petals handsomely blotched with black.

**CHAMPION.** Extra-large flowers, white shaded with blush; small lake blotch in lower petals, upper ones feathered with maroon and red.

**DOROTHY.** Soft blush-pink with darker-pink blotches.

**DUCHESS OF CORNWALL.** Large, deep-purple blossoms, very showy.

**GARTENDIREKTOR SIEBERT.** An early sort, fiery-red, with black blotches.

**GRANDIOSA.** Beautiful shade of deep cherry-red.

**JOHN MARTIN.** Light purplish-maroon. A late bloomer.

**JOSEPH ADOLPH TOPFER.** Compact-growing variety. Red, outer edges of petals white.

**KATE BORNEMANN.** White, daintily overlaid salmon-pink, blotched rich crimson. Fine.

**LORD CLYDE.** White, veined and flushed with light purple, each petal having a velvety-crimson blotch.

**LUCY BECKER.** Pink, with dark-maroon blotches. Particularly free early bloomer.

**MABEL.** Upper petals maroon, lower bright-rose; beautiful.

**MAUD HOOPER.** Light rose-pink with darker-pink blotches.

**MILTON.** Upper petals blotched dark-maroon, surrounded with bright crimson, and edged with rose; lower petals soft-pink, shading to white, feathered with crimson. Free-flowering.

**MISS SAUNDERS.** Snowy-white with two upper petals blotched rich purplish-crimson, very striking.

**MONTEBELLO.** Delicate pink blotched with white, a dainty effect.

**MONT PELEE.** Fiery shade of red with dark blotches. Conspicuous.

**MRS. E. H. CHILDS.** Deep rosy-pink, uniform throughout. A splendid kind.

**MRS. KRUMB.** Pale, soft-rose; upper petals blotched deep purplish-red.

**OLYMPE.** A giant white variety, remarkably free-blooming.

**PAULINE SCHROETER.** Deep rosy-carmine with dark blotches.

**PETER HOSER.** Fiery brick-red with black blotches.

**PRINCESS MAUD.** A fine flower with crimped edges. Carmine-rose, upper petals feathered maroon.

**PROFESSOR CORRENS.** One of the largest-flowered grown. Deep-rose color; all upper petals blotched black.

**SCHON ILLA.** Salmon-rose, a most pleasing shade, with dark blotches in upper petals.

**SCHWABENMAID.** Rose-pink with carmine-and-black blotches. Very fine.

**SENSATION.** Delicate purple, with large black blotches; an unique color in Pelargoniums.

**VIOLET.** Light-purple blotched dark-violet, a handsome combination. Late-flowering.

**VOLANTE NATIONALE ALBA.** A standard white sort. Blossoms extra large, growth strong.

**WURTEMBERGIA.** Medium-sized florets, bright-carmine, with large, velvety, sharply-defined blotches. Pretty.

**YSENBERG.** Light-red, center white, with white edging to petals, and white dots over the entire surface. Unique.

Any of the above varieties, excellent plants in 4-inch pots. Each, 25c; per dozen, \$2.50

## STRELITZIA REGINA

(BIRD-OF-PARADISE FLOWER)

One of the handsomest and most picturesque of tropical plants and in every way adapted to Southern California. The bright-green foliage, upright and oblong, alone is decidedly ornamental and attractive; but the peculiar and beautiful lifelike bloom, among the marvels of the floral kingdom in that it closely resembles the brilliant head of the bird of paradise, is its crowning glory. Held proudly aloft on a long "neck," the perfect head-shaped flower, about 7 inches in length, has three sets of conspicuous bright-orange petals and three rich-blue stigmas, gracefully spread and alternating, forming a gorgeous crest. The beak is pronounced. A wonderful feature is that when the bud shows a streak of crimson along the top it may be cut, the stem placed in water, and the petals and stigmas will gradually open fully, lasting a fortnight.

Strelitzia Regina is easily grown, in full sun or partially shady locations, and is very desirable for the patio, either in the open ground or tubs; and it is splendid and striking as an individual or grouped with other subjects of tropical effect.

We have the finest block in the United States of this comparatively rare South African native and can supply choice specimen plants. Price based on size.





Acres of Phlox Rear High Their Beautiful Heads of Brilliant Bloom at Our Rivera Nursery

## PERENNIAL PHLOX

**I**N THEIR new and vastly improved types these old-fashioned plants present as impressive and bright color displays in the garden as it is possible to conceive. For the herbaceous border they are indispensable, making a continuous show of surpassing beauty through the summer and autumn. Truly perennial in their nature the plants last for several seasons, but it is advisable to divide and reset the clumps after three years. The time to do this is after the fall blooming period or in early spring before growth begins.

When in bloom the fields at our Rivera Nursery, where we produce each season thousands upon thousands of plants, are a magnificent spectacle. Phlox can be handled in a dormant or bare-root condition from November until April, pack light, and can be shipped far at slight expense. They withstand extreme heat and cold and will thrive in any State in the Union if given ordinary attention. Each recurring season will bring a new display of handsome heads of bloom. Their fragrance is delectably sweet.

**LEO SCHLAGETER.** A grand and distinctive new Phlox of dazzling beauty. The color is light carmine-scarlet with orange reflex—an effect indescribably brilliant. Bears immense heads of large florets. A glowing gem that will appeal to every lover of these popular flowers.  
Each, 35c; per dozen, \$3.50

**AUSTRALIA.** Comparatively new. Bears immense florets. A remarkable shade of crimson purple. Height 2 feet. Each, 25c

**ALBION.** A vigorous growing variety, pure white, with pale pink eye. Height 2 feet. Each, 25c

**B. COMTE.** A beautiful shade of purple overlaid with crimson, with a very dark eye. A good, strong growing Phlox; one of the best of its grade. Height 2 feet. Each, 25c

**BACCHANTE.** Dark rose with highly contrasting carmine eye. Height 2 feet. Each, 25c

**BRIDESMAID.** A distinct and beautiful sort, pure white, with a well-defined crimson eye. Height 18 inches. Each, 20c

**CREPUSCULE.** White ground suffused mauve, eye rosy purple. Height 2 feet. Each, 25c

**DEUTSCHLAND.** A recent introduction and unquestionably one of the finest. Brilliant shade of oriental red, with a highly contrasting rich crimson red eye. Each, 35c

**ECLAIREUR.** Deep wine red. Height 2 feet 6 inches. Novel and distinct color. Each, 25c

**EUROPA.** An immense head composed of extra large flowers, pure white in color, with a highly contrasting center eye of dark carmine. Each, 25c



**ELIZABETH CAMPBELL.** The peer of all pink Phlox. Soft rose pink rayed with white. Dark rose-colored eye. Individual florets immense in size. Trusses very large. A scarce and much-sought-after variety. Height 18 inches. **Each, 25c**

**F. A. BUCHNER.** Intermediate in height, between Mrs. Jenkins and Mad. Marie Kuppenheim. Nearly pure white in color. Height 2 feet. **Each, 20c**

**GEN. VON DIEDEM.** One of the most brilliantly colored Phloxes in our collection. Rich dark salmon scarlet. Immense heads. **Each, 35c**

**GOLIATH.** A tall growing large flowered bright orange scarlet Phlox. Lighter in color than Vesuvius. **Each, 25c**

**HENRY MURGER.** Pure white, with a dark eye, a distinct and beautiful sort. **Each, 25c**

**HERVOR.** A pure even shade of rose with a white eye. Bears splendidly formed trusses. **Each, 25c**

**LOUISE ABBEMA.** White ground shot with rose. Florets of moderate size. Trusses large and compact. Height 18 inches. **Each, 25c**

**LA VAGUE.** Florets of moderate size, borne in large trusses. A delicate shade of soft pink. Height 2 feet. **Each, 25c**

### HOWARD & SMITH'S SPECIAL

#### Offer of Choice Phlox

**COLLECTION A.** 12 very fine Phlox from the collection here listed, our selection, each one different, carefully labeled, suitable for a small garden, **\$2.50**

**COLLECTION B.** 24 superb Phlox from the collection here listed, our selection, each one different, carefully labeled, suitable for a garden of moderate size, **\$4.75**

**COLLECTION C.** The complete assortment of these fine Phlox, a collection of which it may be truly said is the last word in Phlox today, good, strong plants, each carefully labeled, **\$6.50**

**MAD. MARIE KUPPENHEIM.** A splendid front row Phlox. One of the best dwarf pure whites. Height 15 inches. **Each, 25c**

**MAD. PAUL DUTRIE.** A charming shade of pure flesh pink overlaying a white ground. **Each, 25c**

**MRS. JENKINS.** One of the oldest Phloxes in cultivation and still one of the best pure white varieties in commerce. Attains a height of 2 to 2½ feet. Trusses immense, conical in form. **Each, 20c**

**OBERGARTNER REICHENAU.** Extra large flowers, bright rose. Strong, compact grower; extra heavy foliage. Very desirable. Height 2 feet. **Each, 25c**

**PANTHEON.** An elegant shade of bright rose pink with a distinct dark eye. A beautiful variety. **Each, 25c**

**PROF. SCHIELEMANN.** The florets of this Phlox are of moderate size. In color a beautiful shade of lilac rose, trusses more or less conical in form. Growth tall. A fine back row variety. **Each, 20c**

**PROF. VIRCHOW.** A soft pearly pink with distinct crimson eye. An especially delicate shade. Height 18 inches. **Each, 25c**

**RHEINLANDER.** A beautiful salmon pink, the center of each floret relieved with a distinct carmine crimson eye. Height 18 inches. Blossoms and trusses very large. **Each, 25c**

**RYNSTROM.** A superb shade of dark salmon rose. Florets of immense size, growth compact. Trusses immense. One of the finest of its color. Height 18 inches. **Each, 25c**

**SELMA.** A clear, bright rose highly relieved with a distinct carmine crimson eye. One of the best of all Phloxes of this color. Flowers of superb size. Trusses immense. Height 2 feet. **Each, 25c**

**VESUVIUS.** A dwarf Phlox bearing large trusses of bright fiery crimson flowers. Height 15 inches. **Each, 25c**

**WANADIS.** A very desirable variety. Bears immense trusses with large individual florets. The color is unique in this class of plants, being a delicate shade of lilac, the center of each floret having a bluish purple eye. Height about 18 inches. **Each, 25c**

**WIDAR.** An exquisite two-toned Phlox bearing florets of immense size. Color lavender, rayed with white. **Each, 25c**

**Cultural Note:** Perennial Phlox should be planted in the fall to establish them so they will grow with greater freedom in the spring. Although of the easiest possible culture they respond readily to good methods. In general they delight in a light, rich loamy soil; and being gross feeders, require plenty of well-rotted manure worked into the ground—preferably some time prior to planting. They need abundant moisture in dry weather and should be generously watered at the slightest sign of flagging.

## MOREA

**IRIDOIDES.** Distinctly beautiful and rare, a South African species of highly ornamental character. Forms dense tufts of long, grassy foliage about four feet tall, with numerous long, branched flowered stems along which are distributed many iris-like blossoms with a ground color of pure white, strikingly blotched with golden yellow. In many ways the blooms resemble those of a Japanese Iris, though somewhat smaller. The foliage is persistent, being green throughout the year. Flowers in abundance during late spring. Strong divisions. **Each, 50c; dozen, \$5.00**

## PHYSOSTEGIA

### BRILLIANT NEW FORM

**VIRGINICA VIVID.** A highly-improved variety of this popular subject—a lovely, conspicuous and useful summer-blooming perennial. Splendidly effective as a garden plant and valuable for cut flowers; attractive in growth and foliage from early spring until late autumn. Vivid makes a compact plant of more or less bushy habit, 2 feet. tall, bearing long spikes of heather-like, tubular blossoms during an extended period. The color is intensely rich—a brilliant, striking shade of bright violet-mauve that is conspicuous in any garden and any combination of hues; while the individual flowers as well as the spikes are practically double the size of the older type, and have an exquisite light fragrance. Excellent keepers and very decorative outdoors or in. The Physostegia is often referred to as the "Obedient Plant" from the curious fact that the individual flowers may be turned to any angle or position on the stem and will so remain. Succeeds in almost any position with a fair amount of sunshine. We offer exceptionally strong plants. **Each, 35c; per dozen, \$3.50**

## POLYANTHUS

These are more often spoken of as Primroses. They are excellent for rockery planting or edging north-exposure borders with abundant shade; and also grow well as pot plants for window or interior decoration. In early spring they produce immense quantities of brilliant-colored heads of bloom.

**H. & S. PRIZE GIANT-FLOWERED (Mixed).** The finest obtainable, containing a well-balanced assortment of white, yellow, red, bronze and various other colors. Good plants from 2½-inch pots. **Each, 15c; per dozen, \$1.50**



# Montbretias

## New Glories for Garden and Vase

We consider these new giant-flowered types one of the most noteworthy additions of many years to the list of bulbous plants. They fairly eclipse the older types common in gardens everywhere and are beautiful as outdoor subjects and very valuable for cutting purposes.

The blossoms on the marvelous novelties offered below are immense, attaining a diameter of 3 to 4 inches, with broad, overlapping petals beautifully poised in spray-like formation on gracefully arched spikes 3 to 4 feet high. Foliage is long and glossy, dark-green, Gladiolus-like in shape, but narrower, and forms a beautiful foil to the splendid spikes of bloom.

The bulbs increase rapidly and soon form large clumps which with the advent of the autumn months present a glorious sheet of color. You may think us over-enthusiastic regarding these Montbretias, but we can assure you that had you been able to see the reaches of bloom and the beauty of the mass effect they showed at our trials the past season, you would agree with us that we have not said enough.

For 30 years it has been our policy to send out novelties of proven merit only, a policy which has gained for this firm an enviable position, and in recommending these lovely new Montbretias we are directing your attention to one of the most meritorious novelties of recent times. We are sure that when you flower them in your garden you will concur in our opinion. We offer for immediate delivery three magnificent sorts. Others will follow as stock permits:

**HIS MAJESTY.** A glorious free-flowering variety which produces on established clumps a veritable sheaf of flower spikes. One of the tallest of all, reaching a height of 4 feet and bearing blossoms 3 to 4 inches across, and a large number of each on gracefully-arranged branching spikes. The center of the bloom is deep golden yellow, shading and deepening to brilliant crimson scarlet at the outer portion of the petals.

**QUEEN ALEXANDRA.** A very vigorous growing variety throwing quantities of strong spikes 3 to 4 feet high. These are well furnished with an abundance of very large, perfectly formed flowers of rich glistening orange, spotted purple crimson at the base. (Continued on next page)



Una, a Splendid Example of the Latest and Best Strain of Montbretias, the Giant-Flowered English Hybrids.



**UNA.** This is a gem. Plants bushy and compact. Leaves long and linear. Flower stems about 3 feet high, bearing masses of pure orange-colored blooms, with reverse of the petals a high-colored shade of crimson-bronze. For mass effect in the herbaceous border this new variety is of unquestioned merit.

Price of any of the above Montbretias: Each, 35c; 3 bulbs (one of each variety), \$1.00; 12 bulbs (4 of each variety), \$3.50.

**Culture:** Montbretias require about the same treatment as Gladioli and will thrive under similar conditions. The clumps should be divided and re-set every second year. In cold sections of the country a heavy litter of leaves or mats should be placed over them for protection. In climates such as California no protection is necessary. The clumps increase in beauty and size season after season. They are easily grown in any good garden soil which has been enriched with well-rotted manure or given a liberal dressing of leaf mold.

## HELIOTROPE

Our list of Heliotropes comprises a splendid range of colors and the varieties all belong to the giant-flowered class. Trusses on well-grown plants often are a foot in diameter. These are ideal subjects for sunny beds in rich, moist soil. As edging plants to shrubbery borders or in masses by themselves they are very effective. Their fragrance is delicious.

**SOUVENIR.** Queen of Heliotropes to date, a 1931 novelty. Forms gigantic trusses of the most fragrant flowers, in color deep lavender-violet, and exceedingly effective for whatever purpose employed. Plants vigorous growers and free-flowering during a prolonged period. This new variety carries our highest recommendation. Excellent plants.

Each, 35c; per dozen, \$3.50

**CENTEFLEUR.** Trusses of enormous size, dark, rich violet in color.

**KONIGEN MARGARET.** Deep purple, large trusses, profuse bloomer.

**LUEUR d' OPALE.** A superb shade of pale blue. Trusses of extraordinary size.

**MADAM BRUANT.** A distinct shade of light purple; splendid dwarf habit.

**PRINCE CHARMET.** Fine reddish-purple. An excellent grower producing great trusses of bloom.

**SNOW WREATH.** The best of all pure-white Heliotropes. The trusses of bloom show a lavender suffusion.

**TALL DARK.** Rich, extra deep purple flowers. A very vigorous, tall-growing variety. Strong plants of any of the above.

Each, 25c; per dozen, \$2.50

## ISMENE (Peruvian Daffodil)

**CALATHINA GRANDIFLORA.** A charming Peruvian bulbous plant that is a very free bloomer and especially adapted to the warmer climates, doing particularly well in Southern California. The flowers are large, highly scented, white as the driven snow and adorned with greenish bands in the base of the throat. The edges of the blossoms have an irregular fringed outline which greatly enhances their beauty. These exotic subjects present a distinctly tropical effect. Each, 25c; per dozen, \$2.50

## STATICE

**PEREZII.** Of comparatively recent introduction and a very handsome species with large flowers a magnificent shade of bright blue. The blossoms are thickly set in an immense truss that attains a dia-

meter of a foot and a half or more, and the plants grow about four feet tall. A specimen abloom in the garden makes a striking showing with its broad dark-green foliage surmounted by great branching heads of charming blue. Aside from its outdoor usefulness this perennial is splendid for cutting; and the trusses of bloom can also be employed for decorative purposes in the dry state, retaining their color perfectly. Sturdy pot plants.

Each, 35c; per dozen, \$3.50

**DUMOSA.** A variety of dwarf habit making handsome plants of lesser height than the above but blooming with equal freedom. Available for growing where the other may be too large. The flowers are set in fine trusses and are a pretty lavender.

Each, 25c; per dozen, \$2.50

## LANTANAS

### POPULAR FOR BEDDING

Lantanas of the dwarf type are so useful as bedding plants that each season finds them more popular. In the following new and improved varieties the trusses are much larger than those of the older climbing sorts and the neat, compact plants are always covered with bloom. They rarely exceed 12 inches in height. Strong plants in 2½-inch pots:

**AMIEL.** Red, shading to orange.

**CRUSALLIS.** Bright orange yellow.

**CICERONE.** Old gold and copper.

**IOLANDE.** Burnt orange and red.

**JANNIA.** A pleasing soft pink.

**FARFADET.** Orange and copper.

**RADIATION.** Rich red.

**ROSE QUEEN.** A superb new sort of our own raising. The color is a pleasing shade of rose with a distinct white eye.

**SNOW QUEEN.** Pure white.

**SERAPHINE.** Rose pink, merging to orange.

**TETHYS.** Sulphur yellow.

Prices of foregoing varieties: Each, 15c; per dozen, \$1.50; per 100, \$10.00.

**LANTANA DELICATISSIMA.** The well-known trailing Lantana. Covered with myriad beautiful lavender pink flowers. Ideal for basket work or as a ground cover in warm, sunny locations.

Each, 15c; per dozen, \$1.50

## STERNBERGIA LUTEA

Among the brightest and most exquisitely-colored flowers in cultivation. The bulbous plant blooms during August and September—great quantities of golden yellow blossoms similar in shape to a large Crocus, on long, slender stems. Making a beautiful foil for blossoms is the long and linear light-green foliage. Bulbs should be planted in November or December for flowering the following year. Left to themselves they increase rapidly and bloom more profusely season after season.

Each, 20c; per dozen, \$2.00

## CALLAS

**RICHARDIA AETHIOPICA.** The Lily of the Nile, almost universally known and grown. White. Strong roots.

Each, 20c; per dozen, \$2.00

**RICHARDIA ELLIOTTIANA.** The Golden Calla, and best of the yellow varieties, with flowers as large as those of the white, but of a rich, deep, lustrous gold hue and of velvety texture. The foliage is dark green with translucent creamy-white spots that add to its beauty. Excellent for summer blooming.

Each, 35c; per dozen, \$3.50



# HERBACEOUS *and* PERENNIAL FLOWERING PLANTS

**P**ERENNIALS, both bardy and tender, are particularly valuable for planting in borders and beds and for other purposes. The well-ordered garden has no more important or attractive adjunct than herbaceous borders. Properly arranged they give an unbroken display of blossom and foliage throughout the year, hence their increasing popularity. The ease with which they may be grown and the endless variety of subjects available are a universal recommendation. Under this heading are also included a number of other plants and bulbs which are useful for summer and autumn flowering. The plants which we offer are sturdy stock that will give maximum results, having been grown in the rich, silty soil of our Rivera Nurseries.

## ACANTHUS

**MOLLIS.** A handsome plant for herbaceous borders, with large spikes of bright rose-colored flowers. Leaves broad, dark glossy-green, beautifully notched on the edges. Height, 4 feet.

Each, 35c; per dozen, \$3.50

## AGAPANTHUS

(BLUE LILY OF THE NILE)

**UMBELLATUS.** With their continual succession of stout flower stems crowned with fine umbels of rich deep-blue blossoms, well-grown clumps of Agapanthus of this variety are among the most constantly effective summer-blooming bulbous plants in the garden; and their usefulness is enhanced by the fact of their easy culture. They make a particularly attractive showing planted in lines, and are decorative as tub specimens. In case of preference we can supply Umbellatus Alba, which produces white flowers.

Each, 35c; per dozen, \$3.50

## AGATHEA

**COELESTIS.** Commonly known as the Blue Marguerite. A charming old-fashioned plant which blooms continuously throughout a long period. Dwarf in habit. Forms a splendid border for large beds.

Each, 15c; per dozen, \$1.50

## THALICTRUM

**DIPTEROCARPUM.** This fine plant, introduced several years ago, remains comparatively little known. Its intrinsic worth as a garden ornamental or as a subject for cut flowers is great and it deserves general recognition. The foliage is small, dainty in appearance and resembles in great measure that of the Maidenhair Fern. During its blooming period strong shoots ranging from four to six and seven feet high manifest themselves. These shoots are much branched and bear enormous quantities of minute bell-shaped flowers of a deep lavender color, the color being greatly enhanced by the yellow stamens in their centers. Strong young plants.

Each, 25c; per dozen, \$2.50

## PENTSTEMONS

COLORFUL GIANT HYBRIDS

In size of bloom, point of color series and general beauty these new giant-flowered hybrids excel all others we know in this class of plants. The enormous flowers are well-disposed on the spikes and decidedly attractive practically the entire year. Excellent plants in mixed shades of Red, Carmine and Rose.

Each, 15c; per dozen, \$1.50

## ANEMONE JAPONICA

The Japanese Wind-Flowers are among the loveliest fall-blooming plants. As cut flowers they last exceedingly well and there are few plants more attractive or graceful in herbaceous borders. They bloom in wonderful profusion from August until late fall. Plants attain a height of 4 to 5 feet. Require a partially-shaded northern aspect for best results, with plenty of water and an occasional mulch of rotted manure.

**GIANT BLANCHE.** A splendid pure-white Anemone with very large semi-double flowers. Unquestionably the finest of all the pure white hybrids.

Each, 20c; per dozen, \$2.00

**HUPENSIS.** A miniature form of the ordinary Anemone japonica. Plants attain a height of 24 inches and produce in lavish profusion during autumn. Handsome mauve rose-colored flowers, single and disposed in handsome branching trusses.

Each, 20c; per dozen, \$2.00

**QUEEN CHARLOTTE.** A hybrid between Anemone japonica alba and Anemone japonica rosea. Very large, semi-double, and a most pleasing silvery-pink. The flowers are borne in large whorls on stems 4 to 5 feet high and produced in lavish profusion from early until late fall. Excellent for cutting.

Each, 20c; per dozen, \$2.00

## ANCHUSA

**ITALICA (Dropmore Variety).** A noteworthy addition to the list of hardy plants. Does best in partial shade. Flower stems attain a height of 6 feet. Blossoms are a superb shade of pale blue, not unlike a giant forget-me-not. Extra-fine stock.

Each, 35c; per dozen, \$3.50

### Howard & Smith Nurseries

Our main Nurseries and Administration Building are in Montebello—1200 Beverly Boulevard, 30 minutes east from Broadway and downtown Los Angeles. Here an immense line of general stock is grown and carried. From this central location ready contact is maintained with our other important plants—the great Rose Fields at Puente, where we annually grow millions of strong bushes of the best varieties in existence, including the choicest novelties; and the extensive Trial and Proving Grounds at Rivera, where most of our bulbs and flower seeds are grown. Visitors are welcome daily and Sunday at our Montebello Nurseries.



## AQUILEGIA (Columbine)

### IN RICHEST OF COLORINGS

Selection and reselection of flowers throughout a period of many years enables us to offer a strain of the lovely long-spurred type of Aquilegias that has no superior and probably not an equal. Their value for bedding, their beauty and grace for cutting and their hardiness and the ease with which they can be grown place the Columbines among the most useful herbaceous perennials. The stock we offer is unusually vigorous, making fine growth, and free-flowering, with stems rising 2 feet or more above the airy, dainty foliage.

**BLUE KING.** Most glorious of the blue shades and one of the latest to have been segregated. Immense blossoms of the true long-spurred type, wide-open cups and sepals. A color seldom found in flowers.

**ROSE QUEEN.** Similar to the above in all respects excepting the color, which is a lovely rose shade, exceptionally attractive in this class of plants.

**SILVER QUEEN.** Glistening silver-white and an admirable companion to the blue and rose varieties, with similar large and lasting flowers.

**H. & S. PRIZE MIXED.** A choice selection of our own hybrids in a wonderful range of colors. Contains all the charming tints, tones and combinations. Will appeal for use as cut-flowers where variety is desired.

Extra-strong field-grown clumps of any of the above, Each, 35c; per dozen, \$3.50. Sturdy young pot plants, Each, 20c; per dozen, \$2.00.

## ASTERS—PERENNIAL

Aside from their value as garden plants there is nothing we know of more artistic and beautiful than the cut sprays of perennial Asters used in association with flowers of heavier nature. Exquisite effects may be obtained in conjunction with other blossoms in spring baskets, etc. They lend a grace and delicacy to floral arrangements of all kinds and have the property of being splendid keepers when cut. Well-established clumps of perennial Asters bloom season after season with little or no attention beyond the use of abundant water and an occasional mulch of well-rotted manure. The collection we offer comprises some of the finest varieties introduced to date, nearly all of English origin.

**ABENDROTE.** Lavender shading to carmine.

**BEAUTY OF COLWALL.** A distinct dark-blue semi-double variety, very handsome.

**BLUE GEM.** All that its name implies. Rich, bright blue. Very fine.

**CLIMAX.** An even shade of clear light blue and one of the largest-flowered perennial Asters.

**EARLY PINK.** Dainty, starry flowers, beautiful rosy-carmine-pink.

**FELTHAM BLUE.** Pure blue flowers produced in masses on strong pyramidal spikes.

**FINCHLEY WHITE.** A splendid pure white of moderately tall growth.

**GLOBE d'AZUR.** Pure azure-blue. Flowers of moderate size, produced in profusion. A variety of great merit.

**ROBINSON V. C.** A handsome semi-double with beautiful bright mauve flowers.

**SAM BANHAM.** Dense masses of large, feathery pure-white flowers. Very early.

**ST. ERWIN.** Rosy-lavender. Dwarf and compact. Fine for low borders.

Strong roots, any of the above varieties.

Each, 20c; per dozen, \$2.00

## ARMERIA

### (SEA PINK OR THRIFT)

**ROSEA.** A useful rockery or border plant bearing innumerable dense heads of beautiful pink flowers on stems 9 to 10 inches high. This Armeria flowers continuously over a long period and being quite hardy is especially suitable for early spring and summer blooming. Fine, strong plants.

Each, 20c; per dozen, \$2.00

## BLEEDING HEART

This old-fashioned favorite is admirably adapted to early pot forcing in the greenhouse and also may be planted in a shady location in the garden. Its beautiful fernlike foliage is surmounted by long racemes of graceful heart-shaped pink flowers. Strong clumps.

Each, 75c; per dozen, \$7.50

## BOLTONIA

**ASTEROIDES.** A starry, dainty beauty and an excellent hardy herbaceous plant of the easiest culture that bears myriad tiny, daisy-like white flowers in clusters about August-September and is elegant for perennial borders or backgrounds. Grows 4 to 6 feet tall, stands without staking and is leafy and showy. Blossoms are on long, slender stems and the sprays splendid for cutting, more especially to mingle with heavier flowers in bouquets, producing a light, airy effect. Strong field divisions.

Each, 25c; per dozen, \$2.50

## CAMPANULA

**TELHAM BEAUTY.** A rare variety of recent introduction and the most beautiful and showy of all. The immense bell-shaped flowers are bright blue, 2 to 3 inches across, and borne in veritable sheaves, the stout stems, 2½ to 3 feet high, being lined with them. Splendid for rockery or border plantings, the foliage forming a dense, prostrate mass of dark green. Of perennial duration. Strong, sturdy plants from 4-inch pots.

Each, 25c; per dozen, \$2.50

## CANTERBURY BELLS

These old-fashioned favorites are among the most beautiful of our spring flowers. They may be grown in pots and are extremely pretty, their large bell-shaped flowers showing to great advantage. We can supply these in a very high-class strain of the true cup-and-saucer type in all colors, including pure white, rose, blue, etc. Strong plants from 3-inch pots.

Each, 20c; per dozen, \$2.00

## COREOPSIS LANCEOLATA

The variety Grandiflora which we offer is a splendid plant for cut flower purposes. It is covered during the greater part of the year with quantities of blossoms two to three inches in diameter. The masses of double and semi-double golden-yellow blooms are conspicuous and decorative in the garden and always a welcome sight. For the perennial border this Coreopsis is a gem. Easy to grow. Fine, strong plants.

Each, 15c; per dozen, \$1.50

## SPARAXIS

**PULCHERRIMA.** A rare and lovely species of Sparaxis from the Cape of Good Hope. These bulbous plants grow about 6 feet tall. Blossoms are rose-colored, bell-shaped and dainty, borne on slender, filament-like stems; and their weight causes the long flower shoot to arch gracefully.

Each, 50c; per dozen, \$5.00



## CUPHEA

**PLATYCENTRA.** A compact, bushy plant bearing quantities of small tubular flowers, the lower part bright scarlet merging to maroon and white at the tips. Splendid for bedding, blooming incessantly. Requires a warm, sunny position.  
Each, 15c; per dozen, \$1.50

**HYSSOPIFOLIA.** A comparatively little known border plant, but of great beauty and worth. Equals boxwood for edging, and has the advantage of being constantly in bloom. The flowers are minute in size and a distinct shade of violet-blue. Strong, young plants from 2-inch pots.  
Each, 15c; per dozen, \$1.50; per 100, \$10.00

**HOOKEIANA.** A superb Cuphea, as yet little known. It produces dense panicles of flowers and attains a height of 2 to 3 feet. Novel and striking. Color, vermilion and orange. Extra-strong stock.  
Each, 35c; per dozen, \$3.50

## DELPHINIUM

(PERENNIAL LARKSPUR)

**H. & S. NEW HYBRIDS (Elatum Type).** Few subjects in the way of herbaceous plants are more sought after or more greatly admired than Delphiniums, and few classes of plants in existence wherein so many shades of blue are manifested. Our strain is not only replete with a range of remarkably handsome shades, but has the additional quality of giving individual florets of immense size and handsomely-formed spikes. They range from palest sky-blue through such shades and colors as indigo, sapphire, dark blue, purple, turquoise, mauve, amethyst, violet, corn-flower blue, etc. The fine flowers are well placed on the spikes which on well-grown plants attain a height of 6 feet or over. Our selection will be found particularly free from dark, objectionable smoky purples, etc., so common in many ordinary strains. Included also are the single, semi-double and quite double forms. A strain of unquestioned worth, the result of many years of closest selection and careful hybridizing. Fine, strong 1-year clumps, including all colors mixed.  
Each, 35c; per dozen, \$3.50

## DELPHINIUM BELLADONNA

**H. & S. NEW SELECTION.** This beautiful Delphinium is one of the most useful of all. It is quite distinct in character of growth from the Elatum types, being much dwarfer, branching freely from the base and producing throughout the season an uninterrupted show of medium-sized spikes of bloom. The stems are thin and wiry, the blooms large and beautifully poised on well-arranged spikes. The color which we have finally fixed in this strain is one of the loveliest shades of sky-blue to be found. This Delphinium should be largely planted as it gives an unlimited supply of handsome spikes in a fixed and well-defined color, from early spring to late autumn. This new strain is a selection far and away ahead of what we have offered before. We are certain it will please you. Strong 1-year clumps.  
Each, 35c; per dozen, \$3.50

## DIGITALIS (Foxglove)

**THE SHIRLEY.** So much of an improvement on the older types that there is no comparison in quality. Hardy, handsome plants of sturdy growth, with stems attaining a height of five to seven feet and the portion covered with flowers often reaching the remarkable length of four feet. The blossoms are immense and range in color from pure white to deepest rose; and others are beautifully blotched

and spotted dark maroon, crimson and chocolate. Unequaled for naturalizing in shrubberies or half-shady places. Mixed. Each, 15c; per dozen, \$1.50

## ERIGERON

**QUAKERESS.** This new improved form of Erigeron has proved one of the daintiest and most useful herbaceous plants of recent introduction. The single starry aster-like flowers are a delicate shade of rosy-lavender and borne in profusion throughout the season. In this particular climate it flowers during mid-winter or the early spring months, when there is usually a dearth of bloom in the garden. For cutting purposes it has especial value. Strong young plants.  
Each, 25c; per dozen, \$2.50

## GAILLARDIA

**PORTOLA.** This is easily one of the grandest introductions in perennial plants during the past dozen years. It bears blossoms of enormous size, 4 to 5 inches in diameter, on individual stems 2 feet and over in length. Flowers are a remarkable shade of rich, bronzy-crimson, the tips of the petals margined with a broad band of golden yellow.

As a cut flower or for garden decorative purposes this new Gaillardia is without a peer in the whole range of perennial plants. It blossoms freely under all conditions of weather. Plants put out now will produce a continuous succession of beautiful long-stemmed flowers from summer through the autumn and winter months.

The general effect of a bunch of the cut blooms is true Egyptian red toned with yellow. There is a glow and sheen about the flower almost impossible of description. It is remarkable not only for the oddity of its color but for the richness of its effect.  
Each, 20c; per dozen, \$2.00

## GAZANIA

As an edging to borders or for planting in parkways Gazanias make a constant bright display from early spring to autumn. They are doubly valuable because they continue to bloom season after season and require little attention beyond an occasional dividing of the clumps. They attain a height of only a few inches; are surmounted with masses of flowers densely borne above the gray-green foliage.

**AURANTIACA HYBRIDS.** A splendid new race with large, broad-petaled flowers varying in color from almost pure white to deepest lemon, orange, etc. Splendid mixture. Each, 15c; per dozen, \$1.50

**AURANTIACA YELLOW.** Very large flower of bright sunflower-yellow. Each, 15c; per dozen, \$1.50

**AURANTIACA ORANGE.** California poppy-yellow. A fine companion to the above, intensely brilliant in effect when in full bloom.  
Each, 15c; per dozen, \$1.50

## GERBERAS

CHOICEST SINGLES

**NEW MIXED HYBRIDS.** Handsome flowers of extra-large size and in a color range that embraces all shades from snow-white to richest crimson—orange, yellow, pink and salmon in their varied tones—characterize this fine strain, the result of crosses between the white South African variety and the well-known scarlet sort, Jamesonii. These Transvaal Daisies are borne on long, wiry stems and are unexcelled for cutting, keeping over a week. They bloom constantly from early spring until late autumn. Extra-strong clumps from the open ground.  
Each, 35c; per dozen, \$3.50



## GYPSOPHILA

**PANICULATA.** The handsome variety commonly used by florists for mixing in bouquets. The plants attain a height of 2 to 3 feet, are much branched and covered in spring with innumerable minute pure-white flowers. Often referred to as Baby's Breath. Strong, 1-year clumps.

Each, 20c; per dozen, \$2.00

**PANICULATA DOUBLE.** A lovely double form of the *Paniculata* type. Blossoms are produced in the same feathery sprays as the foregoing. Of splendid value in cut-flower work when associated with carnations or other flowers. There is an air of delicacy and grace to this variety which will appeal. The trusses of bloom if cut before too well advanced can be dried and treated as an everlasting.

Each, 35c; per dozen, \$3.50

## HELIANTHUS

(PERENNIAL SUNFLOWER)

For color effects in the garden or for use as cut flowers the showy masses of bloom of the *Helianthus* are extremely valuable. The plants delight in rich soil with plenty of water and full sun.

**ANGUSTIFOLIA.** A charming perennial Sunflower, bearing great masses of starry-bright golden-yellow flowers. In full growth it attains a height of 6 feet. Of splendid value as a cut flower.

Each, 20c; per dozen, \$2.00

## HOLLYHOCKS

### IMPERATOR New Double

A sensational new variety, lovely and entirely original. The plant rises to a stately height and bears flowers  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches across, consisting of wide outer petals elegantly frilled and deeply fringed, with a double rosette 2 inches in diameter in the center. The whole suggests a crested begonia on a large scale. Various tints of great beauty are included in the coloring—such as cerise-salmon with center of cream reflecting rose; delicate pink with rose center flushed yellow; light yellow flushed rose with canary center, and many other charming combinations of varied tints. Branching from the base the plants form majestic clumps, and the lateral stems can be utilized in vases for decorative purposes. The last word in Hollyhocks. Strong young plants to bloom this season. Mixed.

Each, 35c; per dozen, \$3.50

**EXQUISITE.** This comparatively-new strain bears splendid spikes of large double blossoms. Instead of being smooth-petaled like those of the Chater class they are beautifully fringed on the edges and the individual flowers have the appearance of giant carnations. Many magnificent bi-colored blooms are manifest, and the range of colors is of exquisite effect. An outstanding strain. Strong clumps. Mixed.

Each, 35c; per dozen, \$3.50

**H. & S. PRIZE GIANT.** These varieties have been carefully selected from our own prize collection. The flowers are of immense size, perfectly double and well arranged on tall, handsome spikes. We can supply them in separate colors—pure white, yellow, rose, shell-pink, dark-crimson and cherry-red. Extra-strong clumps.

Each, 35c; per dozen, \$3.50

## LOPEZIA

**ROSEA.** One of the daintiest subjects for winter flowering in the whole range of blooming plants. The flowers are quite small, but borne in profusion. This is a pure rose-pink variety.

Each, 20c; per dozen, \$2.00

## MARGUERITES

These well-known plants are favorites for border decoration, for planting along the margins of drives, etc. They bloom throughout the year in California and require little care.

**MRS. FRED SANDER.** The finest of all double Marguerites. Produces large quantities of snowy-white flowers. Strong plants.

Each, 25c; per dozen, \$2.50

**GIANT YELLOW.** A splendid, deep golden-yellow. Flowers single. Fine for cutting.

Each, 20c; per dozen, \$2.00

## ALLWOOD PINKS

HARDY EVER-BLOOMING

These are superb new Pinks of special beauty and usefulness, being remarkably free-flowering and splendid for cutting. The result of crosses between Carnations and small border Pinks, the blossoms of this novel hybrid are intermediate in size as a rule, of handsome form, and have a delightful clove odor, a small bunch readily scenting a room. The plants are of compact growth and ideal for edging herbaceous borders and beds. Though at the height of their glory in spring they bloom generously throughout the entire year.

**ALBERT.** Finely variegated, pink penciling on a white ground.

**BETTY.** White with bright-red center, contrasty and very pretty.

**ELEANOR.** Light-crimson center in a white field. A handsome double.

**ETOILE de FEU.** Warm shade of dark red and a lovely blossom.

**HAROLD.** Pure white, deeply fringed, with intense sweet odor.

**JEAN.** White with violet center, an extremely beautiful contrast.

**JOHN.** Light rose-pink, maroon center, unusual and beautiful effect.

**JOYCE.** Exquisite soft rose with contrasting dark-maroon center.

**MABEL.** Rose-pink with red center, flower of triple row of petals.

**MARY.** Pale rose-pink with zone of maroon, a charming combination.

**MAUDE.** Pure magenta and of exceeding richness in display and scent.

**MRS. J. W. WALKER.** Bright scarlet-red, presenting a dazzling effect.

**PEGGY.** Rich crimson-rose, a wonderful shade. Plants compact, bushy.

**QUEEN MARY.** Glowing shade of violet-purple. A fine, shapely bloom.

**RHODA.** Rose-pink with maroon center, attractive. Double row of petals.

**ROBERT.** Old rose, deep-maroon center, flower of very large size.

**SUSAN.** Delicate lilac zoned at center of blossom with rich maroon.

Strong plants from  $2\frac{1}{2}$ -inch pots.

Each, 20c; per dozen, \$2.00



## PRIMULA

### OBCONICA GIGANTEA

**CRIMSON KING.** An elegant large-flowered novelty. The blossoms of rich crimson are disposed in trusses, carried well above the sturdy dark-green foliage, and beautifully set off by the leaves, which are arranged in rosette form. The heads of bloom are most graceful.

**ROSE QUEEN.** An admirable companion to the above and similar to it in every respect excepting color—a pure, delightful shade of rose.

### MALACOIDES

**GIANT LIGHT PINK.** This striking Primrose was introduced from China several years since. The flowers, a charming shade of soft pink, are borne around the central stem in dense whorls, several of the latter to each stem. Blooms without intermission throughout the year. Good plants, 4-inch pots. Each, 35c; per dozen, \$3.50

## RUDBECKIA

**GOLDEN GLOW.** A well-known hardy perennial plant producing during late summer and autumn immense quantities of beautiful golden-yellow dahlia-like flowers. Attain a height of 6 to 7 feet. Splendid for cutting. Strong divisions.

Each, 20c; per dozen, \$2.00

### RUDBECKIA NITIDA

**AUTUMN SUN.** A grand herbaceous perennial bearing masses of brilliant canary-yellow flowers, single. A fine companion to Golden Glow. The cut blossoms are of superb decorative effect. The plants make a splendid back row flower in a herbaceous border. Attain a height of 5 feet and are a glorious mass of flowers in summer. The clumps once planted blossom season after season.

Each, 15c; per dozen, \$1.50; per 100, \$10.00

**PURPUREA.** An elegant type of dwarf Rudbeckia bearing during mid-summer quantities of single rosy-carmine blossoms. Attain a height of 4 feet. Useful for cutting. Each, 15c; per dozen, \$1.50

## SCABIOSA CAUCASICA

Beautifully frilled, lace-like flowers of large size valuable either for the garden or vase subjects. They occur both single and double, possess a marked grace and delicacy, have strong, slender stems 2 feet long, and keep splendidly in water. In color this magnificent new strain of hybrids ranges from snow-white to exquisite shades of sky-blue, grayish-blue, lavender and dark-blue, thus meeting the most fastidious requirements. Clumps of these perennials bloom season after season when established—from midwinter on through the spring. Strong plants from 3-inch pots.

Each, 25c; per dozen, \$2.50

## SOLIDAGO

### LOVELY NEW GOLDENROD

**GOLDEN WINGS.** This lovely variety is a recent English introduction of sterling worth and beauty. The panicles of bloom, instead of being pyramidal, as most of our native species, are of spreading character and more or less informal, the fully-developed head being a foot and over in diameter, tassel-like in arrangement. A plant of this golden rod in full bloom might be likened to a fountain of gold, the yellow being of a rich and pronounced tone. A magnificent plant for the back row of the herbaceous border and we know of nothing more beautiful as a cut flower subject used in epergnes or tall vases. Each, 35c; per dozen, \$3.50

**MISSOURIENSIS.** A dainty dwarf form of Golden-rod, having the appearance of a small-flowered perennial Aster. The spikes of bloom attain a height of 18 inches, the branching heads being of spreading nature. Each, 25c; per dozen, \$2.50

**PATULA.** A variety of the common Eastern Golden-rod. Perennial, increasing in size and vigor year after year. Each, 25c; per dozen, \$2.50

## SHASTA DAISIES

### THREE ELEGANT TYPES

**ALASKA.** Pure-white, dainty single flowers, beautifully formed. This well known variety is one of the best for cutting purposes and a valuable outdoor decorative, blooming freely. Strong, fine pot-grown stock. Each, 15c; per dozen, \$1.50

**GLOIRE de VITRY.** A giant-flowered new French Shasta Daisy with grand white blossoms 6 inches or over in diameter artistically poised at the tips of 3 to 4-foot stems. The petals are broad and strap-like and arranged around a comparatively small yellow disk. Magnificent in the garden and invaluable for cutting. Form splendid clumps, better each year. A basket of spring flowers with this giant Daisy a feature is a conception of stunning beauty. This is a sterling novelty which we take pleasure in recommending.

Each, 25c; per dozen, \$2.50

**H. & S. SEMI-DOUBLE FRINGED.** An entirely new superior form grown by us from a series of double and semi-double giant types which we introduced several years ago. The flowers are snow-white and very large, with the ends of the petals deeply notched and cut, giving the entire blooms a graceful and informal fringed effect that is lovely.

Each, 25c; per dozen, \$2.50

## TRITOMAS

For summer and fall blooming there are few plants more stately in appearance than well-grown clumps of Tritomas. Their large torch-like spikes of bloom, reaching up 6 feet, and fine, grassy foliage, make them conspicuous in the garden. They associate well with the various grasses, cannas, etc., in jungle effects and do splendidly on the margins of artificial water courses and ponds.

**CHRYSANTHA.** Bright lemon-yellow. Four to 5 feet. Each, 35c; per dozen, \$3.50

**HENRY A. DREER.** An extremely large-flowered, tall-growing sort. Bright orange. Each, 50c; per dozen, \$5.00

**PFITZERII.** A constant-blooming variety with spikes 4 feet high. Orange-scarlet. Each, 35c; per dozen, \$3.50

**QUARTINIANA.** A giant variety that grows 6 feet or over. Orange-red and yellow. Each, 50c; per dozen, \$5.00

**R. WILSON KERR.** Bright orange-scarlet, with large spikes. Each, 35c; per dozen, \$3.50

**RUFUS.** Medium in growth. Chrome-yellow, passing to light-yellow. Each, 35c; per dozen, \$3.50

## VITADENA TRILOBA

For covering unsightly banks or planting in parkways this species is of great value. A perennial plant of prostrate, creeping habit, and continually covered with small white daisy-like flowers.

Each, 10c; per dozen, \$1.00



# NOVELTIES *and* SPECIALTIES in CHOICE FLOWER SEEDS



HERE is probably no feature in ornamental gardening which appeals more to the average layman, or even to the experienced gardener, than the pleasure to be derived from the use of the various annual, perennial and biennial plants as grown from seed for the embellishment of the garden. The ease with which they can be grown and the wonderful color effects obtained so quickly and for such moderate outlay place them in front-rank position as subjects for beautification.

With the vast improvements during recent years in the various strains of annual and perennial plants, plus the introduction of many new species from all parts of the world, there has been an ever-increasing demand and interest manifested in their culture. We have for many years devoted our attention and energy to this branch of ornamental horticulture, always with the end in view of producing something novel or improving the quality of already existing strains. That we have had a fair measure of success in our efforts is well attested by the fact that our strains of Giant-Flowering As- ters, Cinerarias and other of our specialties are now recognized and grown throughout the civilized world. We again direct your attention to these worthwhile specialties and many other subjects through the use of which you will find unbounded pleasure, not only to yourself, but to those of your friends who appreciate beautiful flowers.

## ACROCLINIUM

A pretty everlasting annual of splendid effect in borders during its blooming period and valuable as a dry flower for house decoration. Blossoms six weeks after sowing. Height 15 inches. Double Rose and Double White.

Per packet, 10c

## ANCHUSA

**ITALICA.** (Dropmore Variety) Provides some of the best really blue flowers in our gardens. A superb perennial easily grown from seed. This new variety is a distinct improvement, producing much larger blossoms of a lovely gentian-blue in long, loose sprays on strong branching stems 5 to 6 feet high. A glorious summer and autumn bloomer.

Per packet, 25c

## ALYSSUM

Dainty and exceedingly free-blooming dwarf plant unexcelled as a ground cover. Adapted for beds, edgings, rockwork, baskets or vases.

**CARPET OF SNOW.** Of immaculate whiteness and extremely dwarf habit, this makes a decidedly pretty showing, indeed like snow on the ground.

Per packet, 15c

**LILAC QUEEN.** Especially fine annual, deep lavender-lilac, very compact, quickly making a grand mass of color. Height 6 inches.

Per packet, 15c

**LITTLE GEM.** Another good variety, similar to the above except in color. Beautiful blanket of white from early spring until winter.

Per packet, 15c

**SAXATILE COMPACTUM.** (Basket of Gold) Perennial, producing showy golden-yellow flowers in profusion. Particularly good rock plant.

Per packet, 15c

## AGERATUM

Excellent and easily-grown bedding plants that will provide colorful sheets of bloom throughout the summer, readily withstanding extreme heat. Seed sown in the spring will produce blooms within 8 to 10 weeks and a fall sowing will give flowers all winter. Admirable for carpeting, edging or pot work.

**BLUE PERFECTION.** A lovely shade of bright blue, uniform throughout, and the truest blue of all large-flowering Ageratums. A splendid bedding variety.

Per packet, 10c

**LITTLE BLUE STAR.** A beautiful new variety of exceedingly dwarf and even growth, fine for edging. The tiny plants, 4 to 5 inches high, are densely covered with bright-blue flowers.

Per packet, 25c

**PURPLE PERFECTION.** This is a new sort of exceptionally rich coloring, a quite deep and distinct purple shade.

Per packet, 15c

## ARCTOTIS GRANDIS

(BLUE-EYED AFRICAN DAISY)

A remarkably handsome annual from Southwest Africa—pearly-white, daisy-like flowers delicately shaded mauve at the tips of the petals, and the reverse pale lilac-blue. Forms much-branched bushes 2 to 3 feet tall, delights in a sunny situation, and bears in abundance blossoms especially valuable for cutting purposes, lasting a week to 10 days in water. Undeveloped buds cut and placed in water in a sunny window will open to as fine flowers as though left on the plant.

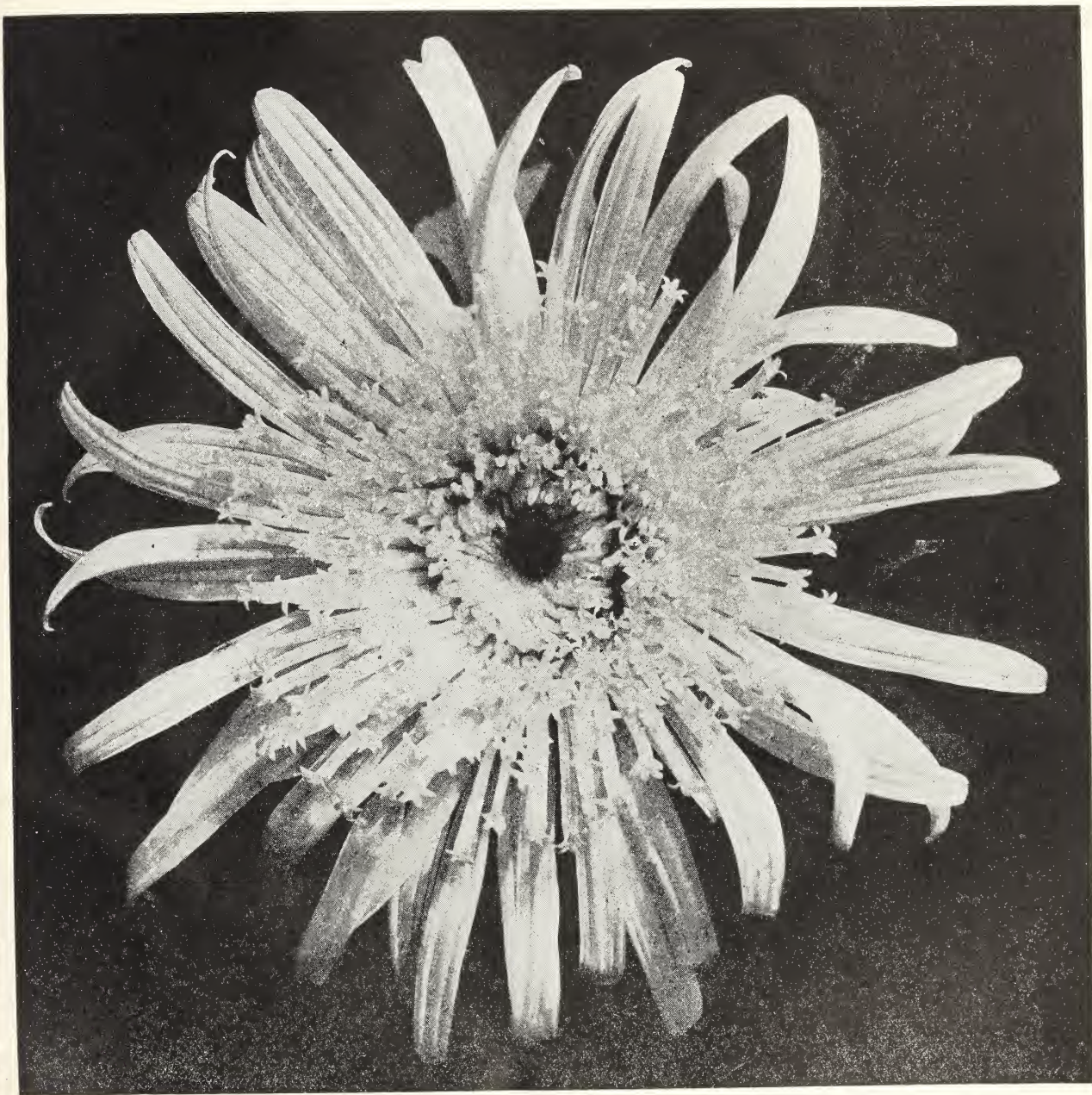
Per packet, 10c

## Prompt Mail-Order Service

We have a large and efficient Mailing Department occupying an entire wing of the new Administration Building at the Montebello Nurseries, our stocks of choice flower seeds are complete; and your order, no matter how small or how large, will be given thorough attention and the purchase usually forwarded the day it is received. Dispatch, accuracy and quality characterize Howard & Smith mail-order service.



# *The Most Beautiful Asters in the World!*



An Actual-Size Reproduction of a Bloom from Our Rivera Grounds

## Howard & Smith's Giant California Sunshine Strain, a Sensational 1931 Seed Novelty

**I**T IS with pleasure and a feeling of pardonable pride that we direct your attention to a supremely-beautiful new strain of Asters. They are the result of a direct cross between our now well-known California Giants and the dwarf, much-branched Sunshine type, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

In point of color the lovely dual-tone effect beggars description. The grace and beauty of build, with cushiony centers of tubular bifurcate petals and the rim of exquisitely-poised outer-guard petals surrounding the central disk, make for a lace-like perfection and daintiness of form and contour that must appeal to the most esthetic taste.

With the disk a lovely light-yellow and the encircling guard petals varying shades of Enchantress-pink, appleblossom, deep-rose, blue and lavender, there are produced color contrasts at once startlingly beautiful in



the ensemble, stamping this glorious new strain as one of the outstanding acquisitions of modern times to floriculture.

Several seasons ago we brought out our strains of California Giant Curled and Interlaced and California Giant Peony-Flowered classes of Asters and these are now grown and catalogued throughout the world. We feel certain that this latest Howard & Smith novelty introduction will, through its intrinsic worth as a magnificent cut-flower and a peerless annual for garden decoration, attain equal popularity.

During many years past hundreds of fine novelties in Roses and other subjects have left our extensive plant laboratories and received world-wide recognition on their merits; and we are personally of the opinion that introduction of the California Sunshine Asters marks one of our greatest accomplishments in horticultural endeavor.

New-crop seed of these Asters is now available and may be sown at any time until June for summer and autumn blooming. All colors mixed, per packet (about 500 seeds), \$1.00; half packet (about 200 seeds), 50c.

## ASTERS--Howard & Smith's Famous Strain

### NEW CALIFORNIA GIANT NON-LATERAL-BRANCHING

OUR origination and introduction of this giant-flowering class, a magnificent strain distinct from and excelling all others hitherto brought out, resulted in a great impetus to Aster culture both for the garden and for cutting. In our California Giant Curled and Interlaced Type we gave to the world a strictly non-lateral-branching Aster, in which the entire sap flow is diverted to the one flower gracefully poised at the tip of the strong 15 to 18-inch stem; thus obtaining the enormous size of individual bloom for which this race is noted.

We devoted 15 years to perfecting our original Giant Curled and Interlaced Type. With further improvements in mind the exacting work has been constantly continued and it is with special pleasure we direct attention to two novelties now available—**H. & S. California Giant Peony-Flowered Swansdown** and **H. & S. California Giant Peony-Flowered Maiden's Blush**. These varieties are a long step in advance in the compact peony-flowered class. They are remarkable for colossal size, wonderful stems and protracted period of blooming, the latter in particular a characteristic in which our strain of Asters has no rivals. Last season in our fields the first blossoms appeared about August 1, and from then until the end of October there was a succession of fancy blooms.

These California Giant Asters are offered by us in two classes—the curled and interlaced type, wherein the petals are of irregular formation, beautifully curled, twisted and reflexed after the manner of some of the Japanese chrysanthemums; and the more formal, or incurved type, generally known as peony-flowered. Both are splendid keepers. Flowers sent by us from Montebello to New York by express—a severe test—arrived in good condition and lasted several days.

This race of Asters is distinctly a Howard & Smith production that has won recognition around the earth, and the seed comes direct from the originators to you, a fact eliminating all uncertainty as to its superlative standard. To keep our stocks absolutely clean we change land each season, an important factor not only in the production of seed by us but also of the best flowers in your garden.

Every plant of our extensive field cultures has been carefully rogued for type, color and other qualities and the strains so improved that no better seed can be found in the world. It is of very high germination and our customers report most gratifying results.

#### H. & S. CALIFORNIA GIANT PEONY-FLOWERED ASTERS

This class is of the same non-lateral-branching habit as the curled and interlaced type but the flowers are more formal in their petal arrangement. The blossoms, which are more or less irregularly incurved, do not attain the huge proportions of the curled and interlaced sorts but are consistently large, ranging on normally-grown plants from 4½ to 5 inches in diameter and occasionally 6. The height of the plants is 2½ to 3 feet.

#### TWO LOVELY NOVELTIES

**NEW GIANT PEONY-FLOWERED SWANS-DOWN.** A magnificent pure-white Aster of gigantic size and substance. The grand blossoms are poised with exquisite grace on lean individual stems 15 to 18 inches long—absolutely perfect for cutting purposes as well as snowy show in the garden. Beyond question the finest white of the type yet developed.

Per packet, 50c

**NEW GIANT PEONY-FLOWERED MAIDEN'S BLUSH.** A replica of Swansdown in size, length of stem, good substance of flower and other particulars, but differing in color. As the name implies, this variety is a superb shade of pure shell-pink, beautiful in the extreme.

Per packet, 50c

**GIANT PEONY-FLOWERED AZURE FAIRY.** A fine companion by way of color to our others of this type. The flowers are of splendid form and substance, compactly built but extremely large, and borne on the best of stems. Its glorious shade of cerulean stamps it as simply admirable, being of a quality not matched in any other blossom we could name.

Per packet, 50c

**GIANT PEONY-FLOWERED PEACH BLOSSOM.** Greatly improved this year over any strain we have ever distributed. The non-lateral-branching plant is of very erect habit with a fine spread of stems. A wonderful keeper and a lovely color—pure peach-blossom pink. Upon opening the flowers are a delicate soft-pink, changing to the richer shade as they mature.

Per packet, 50c

**SPECIAL OFFER:** One packet each of the above 4 H. & S. California Giant Peony-Flowered Asters, postpaid, \$1.50.

**GIANT PEONY-FLOWERED Mixed.** The foregoing colors in a balanced assortment. Per packet, 50c

#### H. & S. CALIFORNIA GIANT CURLED AND INTERLACED ASTERS

We are able to offer these in a rich color series even more comprehensive than those of the giant peony-flowered section. The stunning blossoms of the curled and interlaced type resemble the chrysanthemum rather than the Aster, and will average ¼ to 1-3 larger than the peony-flowered class. We have on file commendatory letters from Australia, England



## New Single Asters

### H. & S. GIANTS OF CALIFORNIA

In these novelty Asters, now offered for the first time, we feel that we are putting out a subject of extraordinary merit. They are of the same race as the H. & S. California Giant Non-Lateral-Branching Peony-Flowered and Curled and Interlaced Types; but instead of being double the blossoms are single, large, lacy and graceful. The plants are vigorous growers, attaining a height of 2½ to 3 feet. The stems are long and sturdy and the blooms 4 to 5 inches across. They are grand keepers, lovely decoratives, and especially valuable for cutting purposes.

These handsome new single Asters are offered only in mixed colors and present a wide range of attractive shades—pure-white, lavender, turquoise, indigo, soft-rose, shell-pink, lilac, peachblossom, etc. Per packet, 25c

and other parts of the world where, in particularly-favored localities, the blooms of this strain have attained the tremendous size of 7 to 8 inches! They are borne superbly erect on long, rigid stems and possess notably good keeping qualities.

**GIANT CURLED AND INTERLACED WHITE.** This immaculate Aster is the result of a number of years' work in rigid roguing and selection in complete our color series and has become the supreme pure-white of its type. The great, fluffy, chrysanthemum-like flowers are impressively beautiful. The plants have the non-lateral-branching stem characteristic of the others of this race.

Per packet, 25c

**GIANT CURLED AND INTERLACED PEACH BLOSSOM.** One of the largest-flowered of the various Asters in this particular group, identical in color with the peony-flowered Peach Blossom, but bearing mammoth, fluffy blooms presenting the appearance of prize shaggy Japanese chrysanthemums. An exquisite shade of peachblossom overlying a white ground. Prized for cutting purposes.

Per packet, 25c

**GIANT CURLED AND INTERLACED BRIGHT ROSE.** Very fine and a fitting companion to the Giant White and others of this section. The charming color—deep, rich rose—is pure and even throughout the flower; and this is of enormous size, frequently 6 inches or over in diameter. Truly a magnificent variety and accordingly popular in the garden and as a cut-flower. Per packet, 25c

**GIANT CURLED AND INTERLACED AZURE BLUE.** A shade of wonderful effectiveness, slightly lighter than that of the peony-flowered Azure Fairy. The blooms are simply phenomenal in proportions and of wonderful build, the petals being especially-beautifully curved and interlaced. The whole effect is of informal character of structure, with an elegant form and finish. Per packet, 25c

**GIANT CURLED AND INTERLACED PURPLE.** Splendid Elks' purple—not one of those nondescript shades which are so apparent in many strains of Asters. No queen e'er was graced by a robe of richer hue. One of the most effective and popular of all colors. The flowers have the same immense size and elegant formation as the preceding varieties. Magnificent for cutting. Well-grown plants often reach a height of 3½ feet. Per packet, 25c

**SPECIAL OFFER:** One packet each of the above 5 H. & S. California Giant Curled and Interlaced Asters, postpaid, \$1.00.

**GIANT CURLED AND INTERLACED Mixed.** A balanced selection including the foregoing sorts. Per packet, 25c

## AGATHEA

**COELESTIS.** (Blue Marguerite) An attractive and useful low border plant bearing a profusion of pretty blue flowers with yellow centers. Perennial. Per packet, 15c

## AUBRIETIA

(RAINBOW ROCK CRESS)

**LARGE-FLOWERING MIXED HYBRIDS.** Beautiful dwarf rock plants about 6 inches tall, more or less trailing in habit, covered with sheets of bright bloom during spring and early summer. Include many colors—lavender, purple, pink, white, etc. Per packet, 15c

## ANTIRRHINUM

(SNAPDRAGON)

Here is a magnificent new strain of Antirrhinums bearing giant blossoms in a wide color range on plants of varying sizes adaptable to different locations. These flowers are at least double the proportions of those in the old Majus class and are gracefully poised on tall, strong spikes. The "Majestic" type bears blooms as large as the Maximum Giant-Flowered. Snapdragons produce grand color effects as back-row plants in herbaceous borders.

**MAJUS NANUM—MEDIUM HEIGHT**

**BONFIRE.** Orange-buff, shaded scarlet.

Per packet, 15c

**GLORIA.** Carmine and white.

Per packet, 15c

**ROSE DORE.** Salmon-rose, suffused orange.

Per packet, 25c

**SALMON PINK.** Lovely shade of soft pink.

Per packet, 25c

**SILVER PINK.** Shimmering pearl-pink, self.

Per packet, 25c

**MIXED.** Including the above colors. Per packet, 15c

**GRANDIFLORUM—MEDIUM HEIGHT**

**AMBER QUEEN.** Amber, suffused with chamomise-pink. Per packet, 15c

**CEYLON COURT.** Splendid novelty, true canary-yellow. Exceptionally beautiful. Per packet, 50c

**FAWN.** Terra cotta-pink, suffused yellow.

Per packet, 15c

**JENNIE SCHNEIDER.** Fascinating rose-pink shade. Indeed a gem Antirrhinum. Per packet, 50c

**SPECIAL:** One packet each of the above 4 varieties, \$1.00.

**"MAJESTIC"—HALF DWARF**

**ORANGE KING.** Rich terra cotta, merging to orange. Per packet, 25c

**SUNSET.** Bright terra cotta, shading rosy-salmon. Per packet, 25c

**SNOWSTORM.** White as the driven flakes.

Per packet, 25c

**TWILIGHT.** Delicate apricot, yellow-salmon shading. Per packet, 25c

**VICTORY.** Terra cotta-orange shading to yellow.

Per packet, 25c

**SPECIAL:** One packet each of the above 5 varieties, \$1.00.

**MIXED.** Including all the "Majestic" varieties.

Per packet, 25c



**MAXIMUM GIANT-FLOWERED—TALL**

- APPLEBLOSSOM.** Delicate pink, white throat. Per packet, 25c
- BUNCH OF LILACS.** Deep lilac. Per packet, 25c
- CANARY BIRD.** Yellow as the bird itself. Per packet, 25c
- CERBERUS.** Deep purple with white. Per packet, 25c
- COPPER KING.** (Indian Summer), bronzy-copper. Per packet, 25c
- DEFIANCE.** Scarlet of the most dazzling. Per packet, 25c
- GOLDEN QUEEN.** Canary-yellow, rosy tube. Per packet, 25c
- GOTELIND.** Light-copper, old-rose throat. Per packet, 25c
- MARALDA.** Coppery-carmine, quite striking. Per packet, 25c
- OLD GOLD.** Golden-orange, old-rose throat. Per packet, 25c
- PURPLE KING.** Velvety dark garnet. Per packet, 25c
- ROSE, THE.** As pure as the name implies. Per packet, 25c
- RUBY.** Rich and velvety ruby-red. Per packet, 25c
- SNOWFLAKE.** Perfectly white, very beautiful. Per packet, 25c
- SPECIAL:** One packet each of the above 14 Maximum Giant-Flowered sorts, \$3.00.
- MIXED.** All the Giant-Flowered Tall varieties. Per packet, 25c

**BEGONIA—GIANT BEAUTIES**

**CHRISTMAS CHEER.** The flowers of this magnificent novelty in the ever-blooming or semperflorens section of hardy bedding Begonia are enormous, attaining a diameter often in excess of 2 inches. The spreading plants are literally smothered with bloom the season through, presenting a charmingly-fresh and bright color—a distinct shade of rich cherry-crimson. Particularly good for bedding purposes, thriving even in partial shade, though full sun is preferable. One of the greatest advances yet made in this elegant type of Begonia. Per packet, 25c

**CHRISTMAS PINK.** Recommended as a strikingly-fine companion to the above variety. Identical in all respects excepting color, which is a wonderful pink, pure, rich and glowing, making a glorious display. Per packet, 25c

**CALENDULA (Pot Marigold)**

One of the finest annuals for house decoration as well as garden display and more and more appreciated. Thrives in any good soil and will withstand several degrees of frost without injury. The selection of improved types we offer is exceptionally fine, with very large, quite double flowers on long stems, excellent for cutting.

**RADIO.** Latest and one of the choicest introductions, distinguished for its attractively-quilled petals and immense double blossoms of dazzling color. Flowers 3 to 4 inches across, of handsome form, and the richest orange conceivable—fairly radiating, whence the name. Their beauty is enhanced by an iridescent sheen. Radio blooms profusely and autumn sowing means stunning winter flowers every day, the rainiest included, to light up the whole garden. Very effective in masses and a gem for cutting, long-stemmed and lasting. Per packet, 25c



Radio, Newest and Choicest Calendula

**H. & S. ORANGE KING.** Vivid shade of dark, rich golden-orange, with a glow under full sunlight which might be likened to burnished gold. Extremely large flowers, fully double, with the petals beautifully frimbriated. We can recommend this strain as one of the finest extant and a valuable subject for the winter garden. Per packet, 10c

**H. & S. LEMON QUEEN.** Fitting companion to our Orange King, with very large blossoms, quite double, and uniformly rich lemon-yellow. Per packet, 10c

**BALL'S GOLDEN.** Extra-fine type of Calendula which differs from Orange King in that the flowers are lighter-colored with longer stems, giving it special cutting value. Very large double blossoms with elegantly-arranged petals. Sow in autumn for winter and early-spring blooming or in early spring for summer flowers. Per packet, 15c

**MIXED.** Including all the above. Per packet, 10c

**BALSAM**

**H. & S. CAMELLIA-FLOWERED.** A superb, greatly-improved strain of the old-fashioned, ever-popular Balsam, producing dense masses of large and perfect. Camellia-shaped flowers on excellent stems. This splendid summer bedding annual requires well-manured soil and generous watering. Colors range from pure white through the various shades of rose, crimson, salmon, and so on. Mixed. Per packet, 15c

**CALLIOPSIS**

Beautiful and showy free-flowering annuals, splendid for massing in beds or for cutting purposes, and grown with extreme ease in any sunny position.

**GOLDEN WAVE, Drummondii.** A bed of this variety suggests the name. Richest golden-yellow with small chestnut-brown center. Free bloomer. Height 18 inches. Per packet, 10c

**CRIMSON KING.** Fine dwarf sort, 9 inches. Velvety crimson-garnet. Per packet, 10c

**ANNUAL MIXED.** Splendid collection including all shades and combinations of colors—brown, golden-yellow, etc. Per packet, 10c



## CAMPANULA

A delightfully-graceful perennial subject for border and bed, rockery or basket.

**CARPATICA BLUE.** An exquisite bell-shaped deep-blue flower, one of the daintiest of the family. Of low prostrate growth and bears profusely in early spring. Per packet, 15c

**CARPATICA WHITE.** Identical with the blue form, but bearing beautiful pure-white flowers in enormous quantities. Per packet, 15c

## CANDYTUFT

**GIANT HYACINTH-FLOWERED WHITE.** Beautiful hyacinth-shaped spikes. Largest and best white grown. Candytuft is one of the most popular annuals to give beds and borders masses of summer color and this fine white brings out the values of the others. Height 10-12 inches. Per packet, 15c

**CARMINE.** Very rich shade. Per packet, 10c

**CRIMSON.** Handsome, deep color. Per packet, 10c

**LILAC.** A clear mauve. Per packet, 10c

**ROSE-CARDINAL.** Brilliant rosy-red. Very effective for bedding. Per packet, 15c

**MIXED.** Good assortment. Per packet, 10c

### DWARF HYBRIDS

This small-type free-flowering Candytuft is excellent for borders, bedding and other purposes in locations where it is more adaptable than the preceding class. Height 6 inches. These hybrids come in clear separate colors of White, Flesh-Pink, Lilac, Rose and Violet-Rose; also Mixed. Per packet, 15c

## CANTERBURY BELLS

These charming old-fashioned hardy biennials, profusely covered with large bell-shaped flowers, are among the most beautiful of our spring plants and general favorites. Especially showy in shrubberies and mixed borders but attractive anywhere. We offer the Calycanthema or Cup-and-Saucer class—blossoms of unusual size and handsome form—in separate shades of Blue, Rose, White and Mixed.

Per packet, 15c

## CARNATION

**GIANT DOUBLE MIXED.** A grand strain raised by Chabaud, the famous French specialist, which blooms within 5 months after sowing and continues to produce its immense nicely-fringed, intensely-fragrant double flowers in great profusion indefinitely. Plants attain a height of 18 inches to 2 feet. This mixture contains many choice colors—blood-red, yellow, rose, scarlet, flesh-pink, white and others. Per packet, 25c

## CELOSIA PLUMOSA

### (GIANT PLUMED COCKSCOMB)

**H. & S. PRIZE DWARF CRIMSON.** An especially fine variety of this useful and showy summer bedding plant. Attains a height of about 18 inches and each plant becomes a neat, bushy, compact specimen covered with beautiful plume-like spikes of bloom of glowing scarlet-crimson. Comes almost entirely true from seed. Per packet, 15c

**H. & S. PRIZE DWARF GOLDEN.** A perfect companion to the foregoing, being an exact replica in every respect but color. This is a splendid deep golden-yellow of peculiar brightness. The effective spikes surmount similarly handsome plants, equally excellent for summer bedding. Per packet, 15c

**H. & S. PRIZE TALL Mixed.** An impressive selection of parrot-feathered Cockscomb of compact habit with tall, massive plumes. We have improved this strain during a number of years and do not believe it can be excelled, if equalled, by any on the market. From yellow through the countless intervening shades of rose, carmine, crimson and bronze is the broad color range. Per packet, 15c

## CELOSIA CHILDSII

### (CHINESE WALLFLOWER)

This splendid annual belongs to the Cockscomb family but differs from the pyramidal-flowered Celosia in that the inflorescence is ball-shaped, the heads of bloom being 4 or 5 inches in diameter and interesting because of their round form. They are freely produced on stout branching compact plants. The color is dark crimson. Grows 15 inches tall.

Per packet, 15c

## CHRYSANTHEMUM

### (ANNUAL VARIETIES)

These simple annuals are valuable for summer blooming. They produce a profusion of flowers which are excellent for cutting, having unsurpassed keeping qualities. Beautiful and of easy culture. Height 2 feet.

**DOUBLE FRINGED HYBRIDS Mixed.** A very fine strain indeed, including all colors from light to dark. The petals are beautifully fimbriated and notched, hence the fringed appearance. This splendid mixture embraces many fine art shades. Per packet, 15c

**SINGLE VARIETIES Mixed.** Known as Painted Daisies. Many handsome colors and combinations included, such as golden-yellow, ivory-white zoned sulphur-yellow at middle of blossom, wall-flower red with yellow zone about a central brown disc, etc. Per packet, 15c

## CENTAUREA IMPERIALIS

### (GIANT SWEET SULTAN)

Flowers of magnificent size in a wide range of colors characterize this highly-improved strain. Blossoms are sweet-scented, artistic but informal in shape, and elegant for cutting purposes, keeping well in water. They have a grace and charm distinct from those of all other plants and will thrive almost anywhere. These hardy annuals grow 30 inches tall.

**AMARANTH-RED.** New and fine. Per packet, 15c

**BRILLIANT ROSE.** Soft rose-pink. Large flowers of beautiful form. Per packet, 15c

**LAVENDER.** A lovely shade. Per packet, 15c

**PURPLE.** Imperial in color. Per packet, 15c

**WHITE.** Of snowlike purity. Per packet, 15c

**MIXED.** All of the above. Per packet, 15c

## CENTAUREA CYANUS

### (DOUBLE CORNFLOWER)

Better known as Bachelor's Button and a well known old favorite now vastly improved, the following three being the finest forms obtainable. About 70 per cent, a large proportion, of perfectly double blossoms may be expected from our seed.

**DOUBLE BLUE.** Cornflower-blue. Per packet, 15c

**DOUBLE ROSE.** Silvery-rose. Per packet, 15c

**SILVER QUEEN.** Best double white ever introduced, with splendidly formed large snowy flowers. Per packet, 15c

**MIXED.** All three colors. Per packet, 15c



## CENTAUREA SUAVEOLENS

(YELLOW SWEET SULTAN)

Practically the same as *Centaurea Imperialis* in general formation of bloom but bearing very showy large flowers of a bright and lovely pure yellow with a sweet scent and popular for cutting. Sometimes called Grecian Cornflower. Height 2 feet.

Per packet, 15c

## CENTAUREA CANDIDISSIMA

(DUSTY MILLER)

One of the most handsome dwarf bedding plants with foliage a uniform silvery white and of such even growth that a row looks as though sheared. Recommended for edging beds of dark-leaved or brilliant-flowered subjects. Our strain is unsurpassed. Height 12 inches.

Per packet, 15c

## COBAEA SCANDENS

An elegant, rapid-growing vine which will bloom the season the seed is sown. Flowers are purple, bell-shaped, and about 3 inches across. This climber, sometimes called Cup-and-Saucer Vine or Cathedral Bells because of the shape of the blossoms, attains a height of 30 to 50 feet during the season, will cling to any rough surface, and is valuable for covering trunks of trees, trellises, arbors, etc. Seeds should be planted edgewise.

Per packet, 15c

## COLUMBINE (Aquilegia)

H. & S. NEW GIANT-FLOWERING

This is a grand strain of the giant long-spurred type in a color series of matchless beauty. These plants of airy grace and generous bloom are grown with extreme ease and the flowers are exquisite for cutting and garden color masses. Our selection of shades is practically fixed and a very high percentage will come true. Blossoms of superb quality and form. Among the loveliest of perennials.

**BLUE SHADES.** The splendid complete range from light to dark blue. Per packet, 25c

**PINK SHADES.** Contains the choice tones from light pink to darkest rose. Per packet, 25c

**SCARLET SHADES.** Very rich, ranging from light to dark scarlet and crimson. Per packet, 25c

**MIXED.** All shades from pure white to pink, rose, red, yellow, crimson, blue and bi-colors.

Per packet, 25c

## COREOPSIS GRANDIFLORA

Masses of golden-yellow flowers are borne throughout the major portion of the year by this hardy perennial, and they are decorative in the garden and splendid for cutting. Height 30 inches. Per packet, 15c

## COSMOS

An endless succession of bloom during an extended period is assured by these favorite summer and autumn-flowering annuals, of which we offer the finest strains procurable. Blossoms are exceedingly large and the colors very choice. We invite special attention to the new double types.

**KLONDYKE.** Orange-colored flowers, handsome and immense. Sow early, as it invariably blooms late in autumn. Per packet, 15c

**LADY LENOX.** Bright rose. One of the new mammoth types that make such a splendid showing. Per packet, 15c

**LADY LENOX WHITE.** Same type, pure white. Per packet, 15c



Graceful Cynoglossum—Forget-Me-Not Blue

**MAMMOTH EARLY-FLOWERED.** A grand selection in separate colors of Crimson, Rose, White, and Mixed. Per packet, 15c

**NEW DOUBLE MIXED.** Blooms of beautiful form with a cushion-like center of short florets in many respects resembling the anemone-flowered chrysanthemums. Very free-flowering and 70 to 80 per cent double. All colors mixed. Per packet, 25c

## CYNOGLOSSUM

A GRACEFUL ANNUAL

**AMABLE, Myosotis Blue.** A decidedly attractive hardy annual recently introduced from China, of easy culture, and ideal for bedding as well as cut-flower purposes. Its blossoms are borne on graceful branches from 18 to 20 inches tall and if cut as they bloom there will be a succession of flowers the summer through. An interesting and pleasing subject. Per packet, 15c

## CLARKIA

Extraordinary improvement has brought this old-fashioned annual into favor that is merited. The easily-grown plants, growing 2 to 2½ feet high in sun or shade, bear long, slender, leafy racemes of very double flowers of lovely colors and splendid for cutting, all the buds opening in water.

**ORANGE KING.** Orange-scarlet. Per packet, 15c

**WHITE PRINCE.** Pure white. Per packet, 15c

**QUEEN MARY.** Rose-carmine. Per packet, 15c

**ROSEA.** Fine bright rose. Per packet, 15c

**VESUVIAS.** Fiery scarlet. Per packet, 15c

**MIXED.** All above colors. Per packet, 15c





Exhibit of Howard & Smith Prize Giant-Flowered Cinerarias in the Pasadena Flower Show

## Cinerarias

### OUR WORLD-RENOWNED STRAIN

Internationally recognized as the premier development in size, colors, compact habit of growth, vigor, freedom of bloom and other points, the Howard & Smith Prize Strain of Giant-Flowered Cinerarias has achieved world distinction. With individual blossoms measuring from 4 to 5 inches in diameter of common occurrence and some exceeding 6 inches, single petals 1 to 1½ inch wide, and a magnificent color range, these Cinerarias hold an unchallenged position. Only those who have seen them can have a conception of their marvelous beauty. The many thousands of persons who viewed our exhibit in the Pasadena Flower Show last April and enjoyed the great collection of gem plants grown for seed at our Montebello Nursery can attest to their bewildering loveliness—bewildering in that there is no end of hues. The huge flowers are borne in immense trusses surmounting bold, dark-green foliage on low, compact plants of model form.

Cinerarias are elegant bedding plants for winter and early spring in California. They do best in situations partially protected from the sun, and if you are in a quandary as to what to place in that shady north border they offer the solution and will give unbounded satisfaction. They require rich soil, a liberal admixture of well-rotted manure in the beds, and copious supplies of water during dry weather.

In separate shades of Blue, Crimson and Carmine, and Salmon; also Mixed, per packet, 50c.

## DAHLIA

Dahlias can be easily raised from seed and flowered the same season. By sowing any time from February to the end of April a bountiful crop of bloom may be assured during the following September, October and November. We offer seed harvested from our very finest shy-seeding named varieties.

**H. & S. PRIZE DAHLIA MIXTURE.** Various splendid sorts may be raised from a packet of this seed. The selection includes seed from the best cactus, decorative, peony-flowered and show types.

Per packet, 25c

## NEW GIANT DAISY

### BELLIS PERENNIS MONSTROSA

A highly-improved strain remarkable for extra-large flowers and immense foliage. Come true from seed and blossoms attain a diameter of 2 inches and over. Particularly valuable for spring bedding.

**WHITE.** Pure white, huge.

Per packet, 25c

**ROSE.** Dainty pure rose.

Per packet, 25c

**RED.** Gigantic, rosy-red.

Per packet, 25c

**MIXED.** All colors.

Per packet, 25c

### HOWARD & SMITH FLOWER SEEDS

Are of the highest quality it is possible to produce and it is our policy to send them out in generous packets. We want every customer to have his money's worth in full both as to quality and quantity.



## COCKSCOMB

This favorite of long standing is prized for bedding and has equal value grown in pots for interior decoration. Showy as border plants. The seed of the following splendid dwarf types has all been saved from large, well-formed combs to insure similar results:

- DWARF SCARLET.** Of unusual brilliancy.  
Per packet, 15c
- DWARF YELLOW.** This color at its best.  
Per packet, 15c
- DWARF CARMINE-SCARLET.** Glows amazingly.  
Per packet, 15c
- DWARF PINK SHADES Mixed.** The pink range.  
Per packet, 15c
- DWARF SORTS Mixed.** Includes above group.  
Per packet, 15c

## DELPHINIUM

(PERENNIAL LARKSPUR)

**H. & S. HYBRIDS—BLUE SHADES.** Though shades of blue are exceedingly rare in flowers there is hardly a tone that cannot be found in this choice strain of perennial Larkspurs. Our seed is saved from a magnificent collection—one absolutely unexcelled in quality—and the results are correspondingly fine. Among many other tones in the mixture are sapphire, turquoise, gentian and sky-blue. Larkspur are wellnigh indispensable as back-row flowers in the herbaceous border and invariably the most prized and conspicuous herbaceous plants in English gardens.  
Per packet, 25c

**BELLADONNA.** The flowers of this splendid improved variety of perennial Delphinium are an exquisite sky-blue, borne on long, wiry stems, and particularly valuable for cutting. Blooms uninterruptedly from early spring until late autumn and the clumps last from season to season.  
Per packet, 25c

**BLUE BUTTERFLY.** Handsome dwarf biennial growing about 18 inches high, with rich bright-blue flowers. This variety is easily grown from seed and blooms in a comparatively short period after sowing.  
Per packet, 25c

**AZURE FAIRY.** Fine companion to Blue Butterfly, being a dainty dwarf biennial that attains a height of about a foot. Flowers are a distinct azure-blue and freely produced from early spring to late autumn.  
Per packet, 25c

## DIGITALIS (Foxgloves)

**THE SHIRLEY.** A strain of incomparable quality and a wonderful improvement on the older types—the result of many years' careful reselection. The stems grow 5 to 7 feet tall, that portion covered with flowers often attaining the remarkable length of 4 feet. Blossoms of enormous size, ranging in color from pure white to deepest rose, beautifully blotched and spotted dark-maroon, crimson and chocolate, making a glorious show. Per packet, 25c

**GLOXINIA-FLOWERED, White.** This and all the other gloxinia-flowered are the giant type, resembling the blossom for which they are named in shape and in being handsomely spotted. Per packet, 15c

**GLOXINIA-FLOWERED, Rose.** Ground color a rich shade of rose. Per packet, 15c

**GLOXINIA-FLOWERED, Purple.** Deep-purple as the ground color. Per packet, 15c

**GLOXINIA-FLOWERED, Mixed.** Giant flowers in various colors. Per packet, 15c



*Dianthus Chinensis*, Immense Double Pinks

## DIDISCUS

(BLUE LACE FLOWER)

**COERULEUS.** Pretty and interesting, with exquisite pale-lavender flowers that are excellent for cutting. This annual blooms profusely all summer, the plants growing 18 inches to 2 feet tall and a single specimen frequently having as many as 50 blossoms open at one time. Per packet, 15c

## DIANTHUS CHINENSIS

IMMENSE FLOWERS, MANY COLORS

**EXTRA-CHOICE DOUBLE MIXED.** A magnificent strain of double-flowered Chinese Pinks embracing a wonderful range of colors, from purest white to darkest crimson, with all the intervening shades of salmon, pink, rose, bright scarlet, and many bi-colored blossoms of handsome two-tone effect. Many are beautifully striped and penciled, presenting a bizarre appearance. The flowers are of immense size, the petals deeply dentate and fringed after the manner of a choice Carnation. Our strain is not to be confused with the ordinary double *Dianthus* generally grown. Sown at this season they will give you a wealth of lovely, long-stemmed flowers for early-spring cutting. Per packet, 25c

## GIANT-FLOWERED DIANTHUS

CHARMING DOUBLE FRINGED

**"IMPERATOR" STRAIN.** This is a truly regal strain of double fringed *Dianthus* characterized by the marvelous size of its flowers, equalling in many instances those of the largest types of Carnations. The blossoms are exceedingly full and double, with petals deeply lacinated and the whole effect charmingly lacelike. The color range is most compre-



hensive, shading from pure white to pink, crimson, etc. The plants are strong growers and attain a height of 15 inches when in full bloom. They have special value for cutting purposes and rank equally high for their bright bedding effect when massed in the garden. We thoroughly recommend this strain as one of the best extant. Per packet, 25c

## DIANTHUS NOBILIS

### RUFFLED AND INFORMAL

**LARGE-FLOWERED SINGLE.** A singularly beautiful type. The flowers are strikingly marbled and blotched—crimson on a salmon ground and white on crimson, while others are a pure self-tone extending from elegant white through all the intervening colors to dark crimson and maroon. On many of the blossoms the petals have a ruffled contour which greatly enhances the beauty and informality of the flowers. Per packet, 25c

**Note:** These lovely garden plants, biennials which can be treated as annuals, and so easily raised from seed, are more or less overlooked and should be more extensively grown. The three varieties we offer above are of superb quality and represent the greatest advance made in the improvement of this old-fashioned garden subject up to the present. We unhesitatingly recommend a trial planting because we believe it will give satisfaction.

## DIMORPHOTHECA

An attractive South African annual, comparatively new here, producing daisy-like flowers  $2\frac{1}{2}$  inches across in abundance. Grows a foot high and blooms within a few weeks after sowing.

**AURANTIACA.** Glittering orange with brownish center disk. Per packet, 10c

**AURANTIACA HYBRIDS.** An extra-choice new series offering shades from the purest white to orange, yellow, red, salmon and intermediary.

Per packet, 15c

## GAILLARDIA

**H. & S. PRIZE HYBRIDS.** Our own magnificent new strain of perennial Gaillardias bearing enormous beautifully-marked flowers in a wide range of striking colors. Blossoms are single or semi-double, with the edges of the petals charmingly fringed or ruffled, and of remarkable size, frequently 5 inches or over in diameter. Mixed colors, including pure-yellow selfs, bright rich orange, attractive zonings of orange and yellow, bronze grounds tipped yellow, and other departures. A wonderful garden decorative and a splendid cut flower, lasting for days. Per packet, 25c

**LORENZIANA.** An annual variety with large double flowers in a fine assortment of colors. Mixed.

Per packet, 10c

## GYPSOPHILA

These blossoms, though in themselves somewhat insignificant, are valuable because they tend to give a graceful, airy and feathery effect to flower arrangements of all kinds, being especially effective as a decorative accompaniment to sweet peas, carnations, etc. Individual blooms are quite small, but they are produced in great abundance in panicles.

**ELEGANS GRANDIFLORA.** Pure white, large-flowered. Will bloom within a few weeks from the time seed is sown. Annual. Per packet, 10c

**PANICULATA.** Hardy perennial with smaller blossoms than Grandiflora but equally effective for cutting purposes. Per packet, 15c



Grand New Eschscholtzia, Autumn Glory

## ESCHSCHOLTZIA

(CALIFORNIA POPPY)

### TWO GRAND NEW ACQUISITIONS

**AUTUMN GLORY.** A magnificent double of extraordinary size and richest coloring—the outside of the petals a brilliant orange-crimson and the inside coppery-orange. The beauty of this remarkable new creation is enhanced by a decided doubling and frilling of the petals. The plants are vigorous growers, attaining a height of 18 inches to 2 feet.

**SUNLIGHT.** This is a gem well named, its color being a true, deep yellow of a clearness and purity not heretofore seen—a perfect tone of canary-yellow both inside and outside the flower. The blossoms are very large and borne on stems of great length, while the plants are vigorous and exceedingly floriferous. An equally valuable acquisition as that above.

Either of these outstanding novelties, per packet, 50c.

**GIANT ORANGE SCARLET.** One of the handsomest of all the types, a luminous shade of rich orange-scarlet and exceedingly large flowers.

Per packet, 25c

**MANDARIN.** Bright orange shaded with crimson. One of the most beautiful and novel sorts.

Per packet, 25c

**GOLDEN WEST.** Deep rich yellow with an intense orange center. Enormous blossoms. Per packet, 10c

**CARMINE KING.** Flowers a distinct shade of bright carmine-rose. An extra-good variety.

Per packet, 10c

**WHITE.** Creamy white, select.

Per packet, 10c

**MIXED.** Good range of colors.

Per packet, 15c



## GODETIA

These easily-grown showy annuals of beautiful colors merit far more attention than is accorded them. They produce a veritable blaze of bloom in the garden over a long period, and it would be difficult to find anything more conspicuous than clumps of them. The graceful sprays are elegant for cutting, the blossoms being rich and of satiny texture, and keeping a week. At home in sun or shade and do best in rather poor soils.

### DWARF AZALEA-FLOWERED

The most novel, interesting and beautiful development in Godetias—a dwarf type with splendid double azalea-like flowers. These charming, distinctive blossoms have the same excellent keeping qualities as those of the other classes, and are offered in lovely shades:

**AZALEA-FLOWERED BRILLIANT.** Strikingly-showy dark crimson. Per packet, 25c

**AZALEA-FLOWERED CARMINEA.** Pink, crimson-blotched center. Per packet, 25c

**AZALEA-FLOWERED CORNELIA.** Exceptionally-delicate salmon. Per packet, 25c

**AZALEA-FLOWERED PHYLLIS.** Delightful shade of rosy-mauve. Per packet, 25c

**SPECIAL OFFER:** 1 packet each of the 4 azalea-flowered varieties, postpaid, 75c.

### TALL MIXED

**DOUBLE CRIMSON.** Splendid flowers in a very glowing crimson shade. Per packet, 10c

**DUCHESS OF ALBANY.** Elegant silvery-white and daintily pretty. Per packet, 10c

**DOUBLE ROSE-CARMINE.** Delicate rose-pink with carmine center. Per packet, 10c

**DOUBLE BRIGHT ROSE.** Charming and quite distinctive new shade. Per packet, 10c

**TALL MIXED.** Including the different tall varieties. as above. Per packet, 10c

### DWARF GODETIAS

**CRIMSON GLOW.** True compact, dark crimson. Per packet, 10c

**GLORIOSA.** Deep blood-red. A very fine compact bedding variety. Per packet, 10c

**LADY SATIN ROSE.** Rich rose shade and a fine companion to Gloriosa. Per packet, 10c

**WHITNEY COMPACTA.** Splendid deep carmine-rose. A brilliant effect. Per packet, 10c

**DWARF MIXED.** A well-balanced selection. Per packet, 10c

## HELICHRYSUM (Straw Flower)

Everlasting flowers prized for their value as garden plants and for cutting for winter decorative purposes where needed. After being cut they retain their form and color perfectly. The strain we offer, of the Monstrosus type, is very fine, the flowers being of gigantic size and rich and varied colors.

**MONSTROSUM.** Very large, pure white Per packet, 15c

**MONSTROSUM YELLOW.** Golden-yellow, a highly-effective shade. Per packet, 15c

**MONSTROSUM SALMON-RED.** Unique and rich, exceedingly decorative. Per packet, 15c

**MONSTROSUM ROSE.** Deep and bright, true rose color. Per packet, 15c

**MONSTROSUM PURPLE.** A distinct and lovely dark-purple shade. Per packet, 15c

**MONSTROSUM MIXED.** All colors. Per packet, 15c

## GERBERA

(TRANSVAAL DAISY)

**H. & S. PRIZE MIXED.** The finest strain of these beautiful flowers in a wonderful color range, shading from white through cream to yellow and orange and from flesh-pink to rich crimson, as well as salmon shades. Readily grown from seed, blooming the first season after sowing. They are unexcelled as cut flowers, keeping over a week in water, and harmonizing in any setting. This extra-choice mixture includes practically all colors. Strong perennial, increasing from year to year.

Per packet, 50c

## GEUM

**MRS. BRADSHAW.** Of recent introduction and one of the most meritorious perennials brought out in years. Flowers of brightest scarlet, large, quite double, and profuse throughout the entire summer. Unexcelled for cutting. Height 18 inches.

Per packet, 25c

**LADY STRATHEDEN.** New double-flowering variety similar in size and form to the above but bearing rich golden-yellow blossoms. Per packet, 25c

## HELIOPSIS

**SCABRA ZINNIAFLORA.** New hybrids bearing double or semi-double flowers similar to Zinnias in general shape, a rich golden-yellow color, and most desirable for cutting. The plants of this highly-acceptable type, which originated in France, grow 2 to 3 feet tall and bloom profusely during summer and autumn. Being of perennial duration and readily grown from seed they will prove an important acquisition to any garden and our customers may rely upon them as a meritorious introduction.

Per packet, 15c

## HELIOTROPE

**LEUR d'OPALE.** Our seed of this sweet popular garden favorite is of the finest strain extant, the compact-growing plants often producing heads of bloom fully a foot in diameter. Early sowing will bring fully-developed plants for July or August flowering. They can be lifted in the autumn and used as pot plants during the winter. Giant lavender-blue.

Per packet, 25c

## HEUCHERA

(CORAL BELLS or ALUM ROOT)

**SANGUINEA.** A fine perennial of easy culture bearing loose, graceful spikes of bright coral-red, bell-shaped flowers, excellent for cutting. The foliage is light-green and slightly hairy, 30 inches high. Adapted to rockeries, fern beds and borders, succeeding in full sun or semi-shaded locations.

Per packet, 25c

## NEMOPHILA

**INSIGNIS. (Baby Blue Eyes)** Nemophila is one of the oldest and best hardy annuals and will grow in almost any soil. Beautiful bright blue. Height 6 inches. Per packet, 10c



## HOLLYHOCK

### SUPERB TYPES AND COLORS

**DOUBLE EXQUISITE.** This Hollyhock—a grand new strain—will delight lovers of the old-fashioned flower in its most modern and elegant form. The blossoms are very large, charmingly bright and fresh in color, and beautifully fringed and frilled or deeply dentate. Their loveliness is enhanced by the evenness with which they are placed on tall, stately spikes. In this appropriately-named strain much of the stiff effect of the older types is lacking. Double Exquisite carries our highest recommendation. Per packet, 25c

Ours is a superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. Sown in the fall the seed will germinate when the rains come and bloom all the next summer and autumn. As back-row plants there is nothing more attractive.

**BLOOD RED.** Fine, glowing red. Per packet, 15c

**DOUBLE ROSE.** A glorious shade of pure rose-pink. Huge flowers. Per packet, 15c

**FAUST.** Richest dark-maroon. Per packet, 15c

**NEWPORT PINK.** Glistening pink. Per packet, 15c

**WHITE.** Pure snow-white, lovely. Per packet, 15c

**WHITE SHADING TO PINK.** Handsome. Per packet, 15c

**YELLOW.** Bright as virgin gold. Per packet, 15c

**DOUBLE MIXED.** All above colors. Per packet, 15c

## HUNNEMANNIA

### (MEXICAN POPPY)

**FUMARIAEFOLIA.** This fine native of Mexico, variously referred to as Giant Yellow Tulip Poppy, Santa Barbara Poppy or Bush Eschscholtzia, is the best of the entire family for cutting, the flowers keeping for several days. They are large, exceedingly graceful, buttercup-yellow, and produced in wonderful profusion during a long period. The plants grow bushy, about 2 feet high, and have feathery glaucous foliage. Per packet, 10c

## LINARIA MAROCANA

**EXCELSA HYBRIDS.** Dwarf Linarias in a wonderful range of colors—a splendid strain. Small flowers like miniature larkspurs, densely borne on slender stems, they make veritable masses of color when in full bloom. Exquisite in beds or borders. Per packet, 15c

## LINUM (Flax)

**GRANDIFLORUM RUBRUM.** Elegant free-flowering bedding annual with masses of brilliant scarlet-crimson flowers that attract immediate attention. Easily grown. Height 15 inches. Per packet, 10c

**ROSEUM.** A fine rose-red. Per packet, 15c

**PERENNE BLUE.** Bright-blue flowers. Grows 2 feet tall. Perennial. Per packet, 10c

## LUPIN

### NEW REGAL PERENNIALS

**POLYPHYLLUS HYBRIDS.** The hardness of these perennial Lupins and their adaptability to so many purposes in garden ornamentation makes them exceedingly valuable. Handsome spikes of delicately



Exquisite, Beautiful New Double Hollyhock

scented flowers are produced throughout a long season. These hybrids are the result of many years' painstaking crossing and selection, and the mixture blue, lilac, pink, etc. Per packet, 15c



## LARKSPUR

### DOUBLE STOCK-FLOWERED

Among the best-known of annual garden flowers, and greatly improved in recent years in size and color of blossoms and habit of plant. They are quite hardy and produce during a long period graceful and attractive spikes of bright bloom. Splendid for mass effects in borders or for bedding, a grouping of the various shades adding to the charm of any garden. Stand well when cut and are lovely vase subjects.

### GLORIOUS QUARTET OF NEW LARKSPURS

The greatest advancement that has been made in the new and valuable tall double Stock-flowered upright or Delphinium type of Larkspurs is represented in the following group of supreme novelties. All are exceptionally beautiful and meritorious in every respect. They are magnificent garden decoratives and splendid, lasting cut-flowers:

**CARMINE KING.** First of the deep carmine-rose shades in the type, fully true in form and color, and just the right tone to be markedly showy. The flowers are extremely double, large, and from the manner in which they are placed give the impression of Delphinium spikes. The latter are of great length, and even the numerous laterals may be cut up to 2 feet long. Free-blooming.

**LA FRANCE.** Large, well-formed double flowers of a pleasing shade of salmon-pink, evenly placed on long stems, and highly attractive. Vigorous in growth and floriferous, it produces many laterals from the crown stem, each a fine spike of blooms. Like the others here listed La France has healthy, handsome green foliage.

**LOS ANGELES.** Of practically the same growing habit as the preceding but with a richer color and foliage a much darker green, which makes the blossoms stand out more prominently. An overlay of brilliant rose on the salmon ground brings about the difference in shade. Both Los Angeles and La France are particularly lovely in artificial light.

**MISS CALIFORNIA.** The latest development in the type and indeed a gem. The color is a marvelous deep pink on a salmon ground and decidedly effective in any light. Miss California is the most distinctly Delphinium-like of any variety yet introduced. An elegant acquisition to the fascinating new class of Larkspurs.

Any of the above important novelties, per packet, 25c; **SPECIAL OFFER**, the set of 4, 75c.

**EXQUISITE PINK IMPROVED.** A new strain with a wonderfully improved form and exquisite in color—a much-wanted beautiful soft-pink shaded salmon. Comes practically 100 per cent true. Similar to the perennial delphiniums in upright habit. Flowers most charming when cut and equally effective in the garden. Per packet, 25c

**AGERATUM BLUE.** Unusual shade. Per packet, 15c

**LILAC.** A very beautiful tone. Per packet, 15c

**MAUVE-ROSE.** Appealing blend. Per packet, 15c

**TRI-COLOR.** Oddly variegated. Per packet, 15c

**VIOLET.** An elegant shade. Per packet, 15c

**ROSY-SCARLET.** Warm color. Per packet, 15c

**VIOLET-PURPLE.** Effective. Per packet, 15c

A fine companion to the above. Per packet, 15c

**WHITE.** Exceedingly pure. Per packet, 15c



La France, One of the Lovely New Larkspurs

## PHLOX Annual

Annual Phloxes have been developed to the point where they produce flowers as large as those of the perennial border species and in an even better and more varied range of colors. In gardens where masses of bloom are desired nothing can equal the display these will make; and since they will withstand rough treatment and give results under conditions which most plants could not survive they are adaptable almost anywhere.

**GRANDIFLORA Mixed.** An exceedingly choice strain containing a wide range of colors. Height 12 inches. Per packet, 15c

**NANA COMPACTA FIREBALL.** Deep red, and the handsomest dwarf bedding Phlox in existence. Height 8 inches. Per packet, 15c

**NANA COMPACTA SNOWBALL.** Pure white dwarf. MIXED. Full color range. Per packet, 15c



## MARIGOLD

These old-favorite free-flowering annuals, of easy culture and splendid attractiveness, are ever becoming more popular. The African types produce double flowers 3 to 4 inches in diameter. The French sorts are of more compact growth, with double flowers variously blotched and marked in shades of maroon, brown, yellow, etc. We particularly recommend our tall African Marigolds, believing that the strain cannot be excelled.

**GIANT AFRICAN ORANGE.** Absolutely perfect, large flowers, an intense shade of golden-orange that is exceedingly rich and effective. Eminently adapted for cutting purposes. Per packet, 10c

**GIANT AFRICAN LEMON.** Identical with the above but the handsome flowers deep lemon-yellow. Splendid decoratives. Per packet, 10c

**GIANT AFRICAN Mixed.** A pleasing selection of the orange and lemon shades. Per packet, 10c

**FRENCH GIANT DOUBLE Mixed.** A superior selection of the pretty striped Grandiflora class, the flowers varying in color through the shades of brown, yellow, maroon. Per packet 15c

### FRENCH DWARF MARIGOLDS

**LEGION OF HONOR.** One of the gems of this class, with golden-yellow single flowers beautifully marked with a blotch of velvety-crimson at the base of each petal, and so profusely produced that they cover the plants, which attain a height of 9 to 12 inches. Ideal in mass effect or for borders. Per packet, 10c

**STAR OF INDIA.** Double flowers of deep-crimson charmingly striped with golden-yellow, a pretty Marigold suitable for bedding or edging purposes. Per packet, 10c

**GOLDEN BALL.** Dazzling pure golden-yellow, with double flowers of good size, making a very effective golden line or bed. Per packet, 10c

**FIRE CROSS.** As brilliant as its name suggests and a conspicuous double dwarf that arrests attention. Per packet, 10c

**FRENCH DWARF Mixed.** Includes the above four varieties. Per packet, 10c

## MIGNONETTE

Without a bed of this well known fragrant favorite no garden is complete. The different varieties give a pleasing effect when arranged in a large bowl, and the sweet perfume is delightful in the house. Should be sown in drills, covered  $\frac{1}{8}$  inch with fine soil, and the seedlings thinned to a foot apart when 1 or 2 inches high because they cannot be transplanted readily. Height 12 to 18 inches.

**GOLDEN GOLIATH.** The latest novelty and premier introduction. Characterized by beautiful, heavy golden-yellow spikes of immense size. The individual florets making up this graceful, compact spike are very large and deliciously fragrant, with extraordinary keeping qualities to the opening of the last bud. Strongly recommended. Per packet, 25c

**GOLDEN QUEEN.** A beautiful yellow.

Per packet, 15c

**GOLIATH.** Very large-flowered, of strong compact habit with rich dark-green foliage. The giant trusses have a rich reddish cast and are borne on erect, strong, stiff stalks. Surpasses all others in brilliancy of color. Per packet, 15c

**MACHET.** Dwarf, pyramidal, large reddish blossoms, free-flowering, very fragrant. Per packet, 10c

## MYOSOTIS

(FORGET-ME-NOT)

The lovely early-spring Forget-Me-Nots are much admired in all their colors, from the pale-blue of the Dissitiflora type to the deep-blue Alpestris, the white and the rose shades. Especially useful for bedding or borders in connection with pansies, spring-flowering bulbs, etc. Height 10 inches.

**DISSITIFLORA.** Superb pale sky-blue.

Per packet, 15c

**ALPESTRIS, Blue.** Of deepest blue

Per packet, 15c

**ALPESTRIS, White.** Very pure white.

Per packet, 15c

**ALPESTRIS, Rose.** Handsome light-rose.

Per packet, 15c

## NASTURTIUM

TALL CLIMBING VARIETIES

Luxuriant and elegant climbers for walls, verandas or unsightly fences and good for trailing over rocks or rough ground. When green and tender the seed pods are often used for pickling. Vines grow 6 to 12 feet.

**CHAMELEON.** Charming, with flowers of various colors on one plant.

**CLOTH of Gold.** Resembles golden cloth when abloom.

**DUNNETT'S ORANGE.** Warmest of pure-orange.

**GOLD GARNET.** Rich yellow, spotted garnet.

**KING THEODORE.** Deep crimson-maroon. Dark foliage.

**ROSE.** The best of this desirable color.

**SCARLET.** Intensely-brilliant scarlet.

**PEARL.** Creamy-white with pearly luster.

**VESUVIUS.** Most pleasing shade of apricot-salmon.

**RUBY.** Bright red as that precious stone.

The above varieties, each, Per packet, 10c

**TALL MIXED.** All colors included. Per packet, 10c

### DWARF or BEDDING KINDS

**CRYSTAL PALACE GEM.** Orange-yellow with garnet blotches.

**CHAMELEON.** Various-colored flowers on the same plant. Very attractive.

**CLOTH of GOLD.** Yellow foliage, scarlet blossoms.

**EMPRESS of INDIA.** Deep-crimson, strikingly rich.

**GOLDEN KING.** A lovely golden-yellow.

**KING of TOM THUMB.** Dark foliage, scarlet flowers.

**KING THEODORE.** Deep crimson-maroon, dark foliage.

**PEARL.** Creamy-white with pearly luster.

**BRONZE.** Burnished red and very pretty.

**ROSE.** Delicate rose, a beautiful shade.

**VESUVIUS.** Apricot-salmon, quite unusual.

Price of above dwarf varieties, each, Per packet, 10c

**DWARF MIXED.** Includes them all. Per packet, 10c

## POLYANTHUS

These early-spring-flowering subjects are often referred to as primroses. They produce immense quantities of brilliantly-colored heads of bloom and are daintily beautiful. Particularly suited to shady beds or borders and serve well as pot plants for window or interior decoration. We offer a fine strain containing numerous colors, white, yellow, bronze, red, etc. Mixed. Per packet, 25c



# Pansies

## Our Mammoth Beauties

**H. & S. SPECIAL GIANT.** This is a strain that challenges comparison. We have not seen its equal and our customers everywhere report these Pansies the largest and most beautiful they have ever grown. Giants in size as well as in name, the strain has developed flowers excelling those of previous years, and their value has been enhanced by a wider range of colors, some absolutely unique.

Though amazingly floriferous well-grown plants bear blooms 3 inches and over in diameter. The mixture contains marvelous solid colors and combinations—blue and purple and near black with golden eyes; maroon and rose; bronze and orange; brown, violet and yellow; pink and white and numerous other bizarre and lovely contrasts. Form and texture are superb. Beds or borders of these will arrest the attention of everyone within sight during their long blooming season. Having long stems they are also desirable for cutting purposes, lasting extremely well.

Per packet, 50c

**H. & S. SPECIAL GIANT CARDINAL SHADES.** A magnificent selection embracing the full range of the glorious cardinal shades in flowers of matchless size, form and substance. It is difficult to imagine anything richer in effect than a bed of these.

Per packet, 50c

**LAKE OF THUN.** Superb blossoms of enormous proportions, an exquisite solid blue with darker-blue blotches. A fascinating novelty in the Pansy world fully meriting the royal reception accorded it.

Per packet, 50c

### FINEST FRENCH PANSIES

**PARISIAN MIXTURE.** Giant-flowering Pansies of a lovely strain, running to shades of yellow spotted black, blue on yellow ground, lavender, purple and many other tones. All the blossoms are variously blotched and handsome. This strain is of very high quality but quite distinct from the H. & S. Special Giant mixture. These French Pansies are comparatively free seeders.

Per packet, 25c

## LOBELIA

The choice varieties we offer of this beautiful and popular flowering plant, easily grown from seed, are desirable for edgings, ribbon bordering, hanging baskets or pot culture. They are covered with bloom during the season:

**BEDDING QUEEN.** A magnificent novelty of compact habit, with flowers of rich coloring—dark navy-blue with large white eye. Effective in beds. Height 4 inches.

Per packet, 25c

**CRYSTAL PALACE GEM.** Deep blue.

Per packet, 15c

## THALICTRUM

**DIPTEROCARPUM.** A handsome herbaceous perennial as yet comparatively little known, though a real gem among garden ornamentals. Its dainty, graceful sprays of minute blossoms, varying from mauve to deep-blue in color and brightened with light-yellow centers, are elegantly arranged on very long stems and invaluable for cutting and mixing with other blossoms. The plants grow 6 feet tall or over and are charming subjects. Easily raised from seed.

Per packet, 25c



Carnation-Flowered Annual Poppy

## POPPIES

### FINEST OF TYPES

**CARNATION-FLOWERED.** Splendid strain of perfectly double annual Poppies with blossoms beautifully fringed and resembling in general appearance giant-flowered carnations. A splendid mixture of all colors from pure white through the various shades of soft pink, rose and red. Per packet, 15c

**PEONY-FLOWERED.** Largest flowered of all the annual species of Poppy. Blooms are of enormous size, perfectly double, and charmingly fringed. A very wide range of colors is represented in this mixed strain.

Per packet, 10c

**RANUNCULUS-FLOWERED.** A beautiful race of Poppies strongly resembling the ranunculus, having bright double flowers with thin paper-like petals. Comes in a good range of fine colors, both selfs and combinations, and makes a brilliant display. Annual, growing 2 to 2½ feet tall. In separate colors and combinations as follows: Red Edged White, Dark Red, Rose, Scarlet, Scarlet Edged White, Slate Gray, White, and Mixed.

Per packet, 15c

**ELDORADO.** As lovely a strain as ever has been introduced and which might be regarded as an improvement over the Shirley type. All the colors are markedly fresh and bright and a bed in full bloom is a magnificent sight. Lovely shades of orange-salmon, soft shell-pink, orange-scarlet, terra cotta and dazzling white are prominent in the unusual color series of this strain. Occurring both in double and semi-double forms, the flowers possess a grace and beauty of appeal to everyone. We offer a splendid mixture containing all the colors, with a high percentage of doubles. Per packet, 15c

**GLAUCUM (TULIP-FLOWERED).** Single-flowered, tulip-like and handsome, in color a gorgeous scarlet. An annual variety quite unlike the others.

Per packet, 15c

**ICELAND—NEW SUNBEAM STRAIN.** A superb recent development of the hardy perennial Iceland Poppy species that delights all who see it. Of dwarf habit, the plants form dense clumps from which issue long-stemmed flowers in various shades of orange, orange-scarlet, lemon, maize and white. The foliage is bright-green and fern-like. The blossoms, picked in bud, are most useful for cutting, possessing good keeping qualities. Profuse bloomers. Sow seed in autumn for late-winter and early-spring flowering. Mixed.

Per packet, 25c



# PETUNIAS--*Novelties of Distinct Appeal*

**P**ETUNIAS rank among our most important summer-flowering annual bedding plants and have few equals for outdoor decorative effectiveness. They flower from early spring until winter and provide sheets of alluring color all that time. With good soil, a sunny position and a bountiful water supply during very dry periods they are easily cultivated, requiring little care. We are pleased to offer several of the finest novelties ever brought out, as well as the older types, all strains of the highest quality.

**SHEPHERD'S PRIDE.** A superb new giant Peony-flowered double fringed, with immense blossoms of exquisite shrimp-pink, a wonderful shade. The flowers, which are extremely fragrant, have beautifully-fringed edges. The blooms of this variety, and also those of the following mixture, are all hand pollenized on our grounds, thus insuring an exceptionally-high percentage of perfect doubles.

Per packet, 50c

**GIANT PEONY-FLOWERED DOUBLE FRINGED Mixed.** The bright colors of this collection of the largest fringed varieties present a wide range and will give a display that cannot be excelled. Cream of the latest Petunia development.

Per packet, 50c

**ROMANY LASS.** Giant-flowered, handsomely-fimbriated single of a rare and distinctive hue—glowing pigeon-blood ruby on a wide margin with a dark throat heavily veined white, and soft-blue stamens. Decidedly lovely and warmly showy.

Per packet, 25c

**ADMIRATION.** An indescribably-rich shade of deep, blackish-violet in a large single blossom of such marvelous texture that it has the sheen of the finest velvet. No flower could have a more impressive color than this grand novelty. Some have frilled edge, others plain.

Per packet, 25c

**H. & S. GIANT FRINGED and RUFFLED, Mixed.** Single ruffled and frilled Petunias, a superb strain. Flowers of mammoth size and splendid substance, often 5 inches in diameter. Excellent for summer bedding. Many elegant colors.

Per packet, 50c

## **FINEST DWARF BEDDING PETUNIAS**

**BABY BLUE.** Dwarf and compact with light-blue flowers.

Per packet, 15c

**BRILLIANT ROSE.** Lovely rose-pink. Same class as the varieties Snowball and Rosy Morn.

Per packet, 15c

**LORD COURTENAY.** Magnificent shade of deep, rich rose, distinct from all others in this set. A bedding gem.

Per packet, 25c

**ROSY MORN.** Soft rosy-pink, a peculiarly-pretty shade.

Per packet, 15c

**SNOWBALL.** Small-flowered, pure-white, beautiful in a bed.

Per packet, 15c

**DWARF BEDDING PETUNIAS Mixed.** Collection of the above kinds.

Per packet, 15c

## **NEW BALCONY PETUNIAS**

These small-flowered varieties planted in parkways or gardens will make an unbroken color display during the long season, blooming lavishly. Since the plants are less compact than those of the preceding class this strain is of special value for window-box work.

**BALCONY QUEEN.** Very fine. Brilliant shade of rich carmine.

Per packet, 25c

**BALCONY ROSE.** A fascinating rose shade for any location.

Per packet, 25c

**BALCONY WHITE.** Of snowy purity, always effective.

Per packet, 25c

**BALCONY PETUNIAS Mixed.** Combining the above.

Per packet, 25c



Blue Gem, Lovely Orchid-Like Nemesis

## **NEMESIA**

A very pretty South African annual which does best in a cool position. The plants grow about a foot high and the flowers are orchid-like. Easily raised from seed and good either for spring or autumn bedding.

**BLUE GEM.** Forget-Me-Not blue. Per packet, 15c

**MIXED HYBRIDS.** A choice strain of many colors—from pale yellow to pink, white, orange, scarlet, rose, etc.

Per packet, 15c

## **PYRETHRUM AUREUM**

(GOLDEN FEATHER)

An attractive, well known plant with bright-yellow, fernlike foliage, exceedingly useful for edging and carpet bedding. Easily raised. Six to 8 inches.

Per packet, 10c



## PORTULACA (Sun Plant)

Among the showiest of hardy annuals, delighting in sunshine and light, well-drained soils, and easily grown. Admirably adapted for parkings, beds, edgings or rock-work, producing flowers of richest coloring from early spring until late autumn. The plants attain a height of 6 to 8 inches and are prostrate in their habit, similar to Verbenas. The seed is fine and it is advisable to mix it with sand to insure even distribution in broadcasting, then sowing where the plants are to bloom. Vivid sheets of color may be expected. We offer a splendid assortment of colors in the best of strains.

**DOUBLE Mixed.** A well-balanced selection of brilliant doubles, including shades of flesh, salmon, rose, yellow, scarlet and white. A large percentage of these flowers will come perfectly double.

Per packet, 15c

**SINGLE CRIMSON.** Exceedingly bright.

Per packet, 15c

**SINGLE GOLDEN YELLOW.** Purest of yellows.

Per packet, 15c

**SINGLE ROSE.** The true rose hue. Per packet, 15c

**SINGLE BRONZE.** Metallic effect. Per packet, 15c

**SINGLE WHITE.** Pretty for contrasts.

Per packet, 15c

**SINGLE Mixed.** All the above included.

Per packet, 15c

## SALPIGLOSSIS

(PAINTED TONGUE)

One of the finest and easiest-grown free-flowering annuals, succeeding in any ordinary soil and a sunny position. Grow from 24 to 30 inches high and produce their large, attractive Gloxinia-like blossoms in an extraordinary range of colors. A bed of them is a striking feature in the summer or autumn garden and the flowers are splendid for cutting, lasting well. Great improvement has been effected in recent years both in size and color and the strain we offer represents the acme of perfection to which Salpiglossis have been brought. They are of beautiful form with wide-open throats and marvelous in combined hues—all of the Gloxinia-flowered type:

**CARMINE-RED STRIPED YELLOW.** A beauty.

**DARK GARNET-RED.** Great depth of color.

**DEEP CARMINE-VIOLET.** Shows up richly.

**ROSY-CHAMOIS, CARMINE CENTER.** Striking.

**ROSY-PURPLE, YELLOW THROAT.** Contrasty.

**VELVETY RED.** Gorgeous in its effect.

**YELLOW, WHITE BORDER.** Handsome indeed.

Price of the above varieties, each, Per packet, 15c

**MIXED**, embracing all the colors. Per packet, 15c

## SCABIOSA CAUCASICA

LOVELY NEW HYBRIDS

A magnificent new strain of hybrids of the Caucasica type with beautifully-frilled both single and semi-double flowers in a color series of matchless beauty. Exquisite shades of sky-blue, lavender, grayish-blue, dark-blue and white are among the many to be noted. Blossoms enormous, with a distinct grace and delicacy in their lace-like appearance, and gems for cutting. Well-established clumps bloom season after season, from midwinter right on through spring. A highly meritorious introduction among perennial plants. Mixed.

Per packet, 25c

## SCABIOUS

ADMIRABLE NOVELTIES

**H. & S. IMPROVED AZURE FAIRY.** True light blue, a pure, uniform shade without the white that manifests itself in ordinary varieties. Blossoms of enormous size, perfectly double and of ultra-refined form and finish—a great improvement throughout. Aside from all other wonderful qualities its color makes it highly desirable because of the rarity of blue flowers generally.

**PEACH BLOSSOM.** An especially beautiful new variety and the best of its color for outdoor attractiveness and cutting purposes—a warm shade of rose that is a delight in the garden but even more rich and handsome in the glow of artificial light. Giant flowers of admirable form.

**SHASTA.** Finest white ever introduced and a conspicuous and worthy companion to the two preceding varieties. As pure in tone as the snow on the mountain for which it is named. Mammoth blossoms, fascinating in bouquets or for whatever purpose used.

Per packet, 25c. **SPECIAL**, one packet each of the three novelties, 50c.

Sweet Scabious is without question one of our most beautiful and useful garden subjects, attractive and showy outdoors and particularly desirable for bouquets. The old-fashioned popular biennial has been vastly improved, is hardy, and may be cut back after flowering, when a new crop will follow. Especially good for winter and spring, providing splendid decorations for use indoors when other blossoms are scarce. The color range of these "Grandmother's Pin Cushions" is impressive, embracing both the richest and the most delicate shades. Their easy culture, extended blooming season and other good qualities make them a real home essential. They grow tall and the exquisite blooms, particularly of the novelty types, are huge, long-stemmed, very lasting, and charming for vases and table decoration. Our collection of distinct and lovely kinds, all very full double high-centered flowers up to 2½ inches in diameter, is complete.

The following six are double Scabious of fine colors:

**AGERATUM-BLUE.** Soft yet pronounced shade and strikingly effective in these large flowers.

**REDDISH-BLACK.** Deep, velvety, so dark that it stands out in bold contrast among all the others.

**DEEP-ROSE.** A rose tone of extraordinary richness and a favorite for cut-flower purposes.

**LILAC-ROSE.** An exquisite color—light rose with lilac tint—pleasing for home-decorative uses.

**SULPHUR-YELLOW.** The most delicate tint of yellow in a blossom of fine size and decided effectiveness.

**AMARANTH-RED AND WHITE.** Warm red with occasional breaks of white, a combination of charm.

Any of the above six separate colors, per packet, 15c.

**SPECIAL**, the collection of six, 75c. **MIXED**, per packet, 15c.



# SWEET PEAS--*Summer Blooming*

## MOST BEAUTIFUL OF ORCHID TYPE

**T**HE FOLLOWING choice varieties, representing the latest improvements in these beautiful annuals, are of the true late-flowering Spencer or orchid type. They succeed the winter or early-blooming varieties, attaining maturity 4 or 5 weeks afterward. February, March, April and May are the preferred months for sowing. The flowers are of lovely crinkled and wavy outline and extremely large, many having a spread of 2 inches or more across the face. These fragrant blossoms, long-stemmed and fine for cutting, are usually borne in clusters of 4:

**CHARITY.** Crimson, rich and deep. Charmingly-waved blossoms of immense size. Per packet, 25c

**DEFIANCE.** Bright orange-scarlet, a glorious shade, and extra fine. Per packet, 25c

**EDNA MAY IMPROVED.** Of pure, snowy whiteness. Very large flowers of refined form and finish. Per packet, 25c

**HAWLMARK PINK.** Exquisite shade of pure soft pink and magnificent flowers. Per packet, 25c

**HAWLMARK SCARLET.** Brilliant scarlet, peculiarly rich. Handsomely-crinkled large flowers. Per packet, 25c

**HEAVENLY BLUE.** A superb novelty in a lovely shade of pure delphinium-blue. Per packet, 25c

**HEBE.** Extra-large flowers of the brightest pink; size and form elegant. Per packet, 25c

**MAJESTIC CREAM.** A cream-colored Spencer of marked loveliness. Per packet, 25c

**POWERSCOURT.** Especially-fine shade of pure lavender. Blossoms remarkably large and of splendid substance. Per packet, 25c

**TANGERINE IMPROVED.** Pure glowing orange, a strikingly-pretty color. Per packet, 25c

**WARRIOR.** Heavy maroon of pure and even shade, decidedly rich. Per packet, 25c

**YOUTH.** Glowing orange-scarlet, a shade of surpassing beauty. Per packet, 25c

**SPECIAL OFFER:** One packet each of the above 12 summer-flowering varieties, postpaid, \$2.50.

**H. & S. SPECIAL MIXTURE** Summer-Flowering. A well-balanced combination of all the above. Per packet, 25c

# SWEET PEAS--*Winter Flowering*

## H. & S. SELECTED FINEST NOVELTIES

**S**WEET PEAS have deservedly won so strong a position in popular favor that they are rivalled by few of the annual flowers and a garden without them lacks a most essential subject. Their exquisite beauty and fragrance, together with splendid keeping qualities, make them invaluable for cutting, especially during winter and spring. This season we are able to offer the finest early-flowering novelties ever brought out—new types of immense size, handsome form and glorious colors.

All sorts included under the above heading will blossom through the winter and far into spring and can be successfully sown from the end of June to February for a splendid succession of flowers.

**EARLY ALAMEDA.** A novelty of unusual merit certain to be received with enthusiastic acclaim because of its charming color and good points generally. Deep rose-pink, almost approaching cerise, overlaid with glowing salmon-cerise-pink—all on a white ground and therefore the brighter. The wings carry a more intensified suffusion of salmon than the standard, but the color throughout is clear and evenly laid on. Wonderful in any light and highly effective in sun or in artificial illumination, where a bunch of Early Alameda seems to sparkle with added brilliance. Wavy and crinkled petals add to the grace of the large flowers, which are well placed, usually in fours, on long stems.

Per packet, 25c

**EARLY DUPLEX GEM.** Everything that its name implies and praised by everyone who has seen it. A distinctly-lovely color—soft rose-pink flushed on a light-cream ground. The blossoms are characterized by enormous size yet they are beautifully airy and frilly; the effect of hugeness coming from the admirable duplexing of the standard and sometimes even the wings. These giant flowers are of great daintiness. The vines are not heavy but bear a profusion of blossoms on good stems during a long period.

Per packet, 25c

**EARLY DUPLEX PIONEER.** Unusually frilled, this feature being so marked that the large flowers appear double. As a matter of fact they actually are double in many instances, with three or four standards and extra wings. Rose-pink on a cream ground, the color quite uniformly spread over the

standard and wings, and producing a lovely effect which is much enhanced by the frilliness of the blossom. The vines are vigorous and bear freely. Four strikingly-duplexed blooms on one long stem are of common occurrence.

Per packet, 25c

**EARLY FORTYNINER.** Deep yet bright true orange shade and of magnificent effect in bouquets. Standard and wings alike in richness of hue. A novelty of special value, the result of a cross made for vigor and length of stem, with strong, green vines. Flowers large and bold, frequently with double standards, and splendidly spaced on long stems—usually four to a stem. This excellent novelty is the first of its color to make such sturdy growth and bloom so freely.

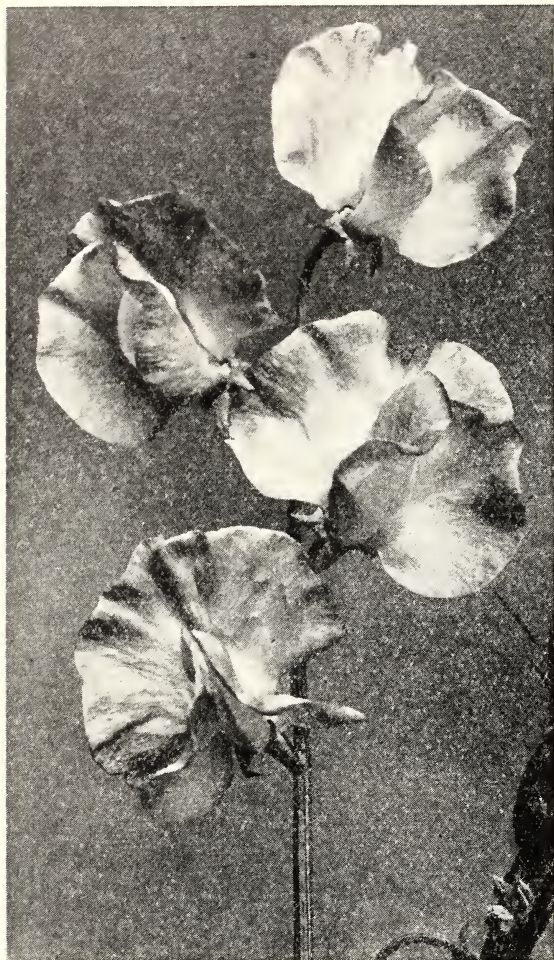
Per packet, 25c

**EARLY MARINE.** Clearest of all the blues in any Sweet Pea class, true and quite deep. This fascinating color is carried evenly on standard and wings throughout the entire flower. Of extreme size, the largest blue in existence, the standard measuring fully 2¼ inches across. Bold blossoms, nicely spaced on very long, strong stems. Plants of exceeding vigor and prolific, giving blooms in great abundance over an extended period. Certificate of Merit, International Flower Show, New York.

Per packet, 25c

**EARLY WHITE HARMONY.** A black-seeded Sweet Pea of the purest white and a long-awaited novelty. Germinates readily and is a fine grower, the plants being vigorous from the start. The flowers are immense, of grand substance, and exceptional keen-





Early Alameda, Charming Novelty Sweet Pea

ing qualities, with long stems. True paper-white. In every way a variety of distinction.

Per packet, 25c

**SPECIAL OFFER:** One packet each of the above 6 novelties, postpaid, \$1.25.

#### TWELVE FINE VARIETIES

These Giant Winter-Flowering Spencers represent the cream of this class of annuals. They are the early-blooming type and without peers for furnishing elegant winter blossoms:

**AMETHYST.** Royal purple, a brilliant and telling shade seen in no other flower. Per packet, 25c

**ALL WHITE.** As pure a tone as the name indicates and an exceedingly prolific kind. Per packet, 25c

**AVIATOR.** Splendid, glowing crimson. One of the gems of this collection. Per packet, 25c

**FAIR MAID.** Blush pink in an exquisite shade, desirable for blending with other varieties. Per packet, 25c

**GLITTERS.** Fiery orange-salmon, unique and beautiful. Large flowers, handsomely waved. Per packet, 25c

**GRENADIER.** Dazzling scarlet, a fiery red that radiates warmth and color. Per packet, 25c

**HARMONY.** True lavender, uniform throughout a large flower of fine shape and substance. Per packet, 25c

**MRS. KERR.** Salmon-coral, a lovely and distinctive tone. Sensational in effect. Per packet, 25c

**NEW BLUE.** Deep lavender-blue, particularly fine for mixing with any of the lighter shades.

Per packet, 25c

**ROSE CHARM.** Very bright and one of the finest of all rose shades. Per packet, 25c

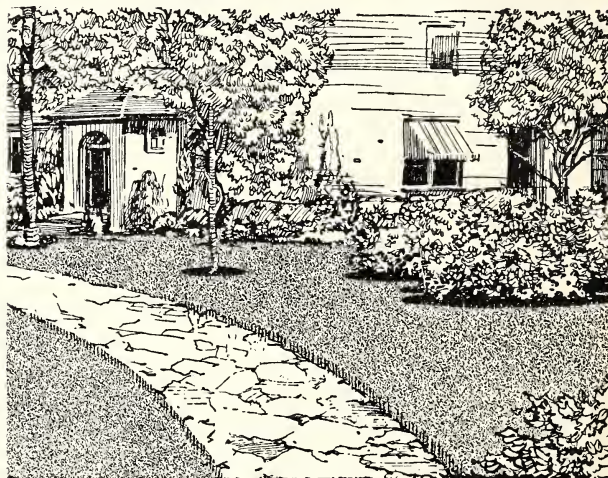
**SPRING SONG.** Clear salmon-pink on a cream ground, with a rich sheen. Large, graceful flowers. Per packet, 25c

**ZVOLANEK'S ROSE.** A giant-flowered rose-pink and an outstanding variety for good qualities. Per packet, 25c

**H. & S. PRIZE MIXED.** A well-balanced combination of the above excellent types. Per packet, 25c

**SPECIAL OFFER:** One packet each of the above 12 choice varieties, (Mixed not included) postpaid, \$2.50.

## Vigoro *for Sure Growth!*



**T**O restore the color to lawns and maintain them a rich, velvety green; to keep plants luxuriant and strong and flowers beautifully blooming and fragrant; and to nourish shrubbery and trees and develop splendid root systems and fine foliage, we confidently recommend VIGORO, the Perfect Plant Food.



Vigoro, a Swift & Company national product manufactured in Southern California, is properly balanced, supplies all the elements required, and brings not only immediate and certain, but lasting results. It is clean, odorless, easily applied, and the cost comparatively small—10 to 20 cents per 100 square feet of lawn, for example.

Vigoro supplies the correct nourishment needed for maximum growth, production and beauty. A boon to plant life and to lovers of plant life. Vigoro means Grow!

#### PRICES:

100-pound bag, \$6; 50 pounds, \$3.75; 25 pounds, \$2; 5-pound carton, 60c.

SOLD IN ANY QUANTITY BY

Howard & Smith



# ZINNIAS--New Giant Flowered

## HUGE BLOSSOMS IN MAGNIFICENT COLORS

**O**UR GRAND new strain of giant-flowered Zinnias, now developed to the height of perfection, bears blossoms of matchless form and enormous as to size, attaining an average diameter of 6 inches under favorable cultural conditions. Well-branched and of sturdy growth, the plants bloom without intermission from early summer to late autumn. The flowers are invaluable for cutting or brilliant stretches in the garden. All the seed offered in separate colors has been grown by us in blocks and carefully segregated but certain variations may be expected to appear nevertheless; such color variations will, however, be in flowers of the same type and equally fine for cutting.

### GREAT DAHLIA-FLOWERED ZINNIAS

This lovely new type of Zinnias produces handsome, thick, double flowers of colossal proportions, charmingly incurved, extremely decorative and peerless garden and vase subjects. These blossoms are similar in shape to the double decorative dahlias and often in excess of 6 inches across with a depth of 3 to 4 inches. The plants are of strong, vigorous habit, usually 3 feet or higher. We offer the outstanding distinct colors as well as a splendid mixture:

**CANARY BIRD.** Bright canary-yellow and makes a beautiful showing by virtue of fine color and immense blossoms. Per packet, 25c

**CRIMSON MONARCH.** An especially brilliant and pleasing shade of chestnut-crimson and a regal subject. This extra-fine selection bears blooms of mammoth, impressive build. Per packet, 25c

**EXQUISITE.** A superb variety in every way meriting its name. The color in the large opening flowers is a wonderful shade of bright Tyrian-rose perhaps not approached by any other Zinnia. Per packet, 25c

**GOLDEN STATE.** Dark-orange with a deeper-toned center and one of the most attractive. A glowing color and a replica of Exquisite as to size. Per packet, 25c

**ORIOLE.** Tawny-orange with the center of the blossom a deeper hue, the whole a gorgeous color presentment. Somewhat similar to Golden State but quite different in the mass, the general effect of a bed being darker. Per packet, 25c

**SPECIAL OFFER:** One packet each of the 5 dahlia-flowered Zinnias, a splendid assortment, postpaid, \$1.00.

**DAHLIA-FLOWERED Mixed.** Comprises all the above varieties in its range of colors and also many unusual shades not yet sufficiently fixed to be offered separately, such as salmon, old-rose, cerise, strawberry-red, etc. Per packet, 25c

### H. & S. PASTEL SHADES, GIANT-FLOWERED

Here is a notably-fine selection in the giant-flowered type of Zinnias which we can offer in a highly-perfected form and which our customers will find simply exquisite as to colorings. In addition the enormous flowers are models in every respect and particularly valuable for cutting purposes because of the delicate hues obtainable. This strain is replete with the most refined shades of salmon-rose, bright-pink, burnt-orange, cerise and many others, with a marked absence of the purples, magentas and so on which would be objectionable. The finest group of the kind extant. Per packet, 25c

### H. & S. PRIZE GIANT ZINNIAS

The flowers of the following giant varieties (Ple-nissima type) are double, semi-globular and of tremendous size, with petals beautifully reflexed and overlapping instead of being incurved as in the case with the dahlia-flowered class. They are models as

to form and substance, borne freely on long, strong stems, have superior keeping qualities and are therefore among the very best for cutting purposes. The colors are particularly rich and distinct. The plants are of extremely-robust habit, attain a height of 3 feet or over, and are of great value in large beds, borders, etc. They should be given plenty of space for development. They will produce a wealth of colorful beauty from early summer to late autumn:

**H. & S. PRIZE GOLDEN YELLOW.** A vivid shade of deep, rich yellow. Per packet, 15c

**H. & S. PRIZE SCARLET and CRIMSON SHADES.** A marvelous series of these brilliant, glowing colors. Per packet, 15c

**H. & S. PRIZE SULPHUR-YELLOW.** Dainty shade of light yellow. Per packet, 15c

**H. & S. PRIZE WHITE.** Of immaculate whiteness. Per packet, 15c

**SPECIAL OFFER:** One packet each of the above 4 splendid varieties, postpaid, 50c.

**H. & S. PRIZE MIXED.** All the above in a balanced assortment. Per packet, 15c

### LILLIPUT OR POMPON ZINNIAS

This is a very pretty type of elegant small densely-double Zinnias of compact habit, splendid for borders, individual beds or planted in front of the larger forms, and cut-flower purposes. They have all the distinct, beautiful colors of the taller varieties, bloom in lavish profusion on long stems raised well above the foliage, and present a pleasing effect. Their height is seldom above 15 inches. We especially recommend the following varieties of our unexcelled strain:

**CANARY.** Bright and striking canary-yellow. Per packet, 15c

**CRIMSON.** Superb crimson, exceedingly rich. Per packet, 15c

**GOLDEN YELLOW.** An appealing golden shade. Per packet, 15c

**SALMON-ROSE.** Most popular of all colors. Per packet, 15c

**SCARLET.** So dazzling that it glows. Per packet, 15c

**WHITE.** Pure as the whitest lily. Per packet, 15c

**SPECIAL OFFER:** One packet each of the 6 varieties, a model group, postpaid, 75c.

**LILLIPUT ZINNIAS Mixed.** Contains all the colors. Per packet, 15c

## VIOLA PAPILIO

A handsome light-blue bedding variety which comes nearly true from seed and bears masses of medium-size flowers during the autumn, winter and spring months. It is not as large as many Pansies but more than makes up for this deficiency by remarkable production of blooms. Plants from seed sown in mid-summer will spread a carpet of flowers from November to May. Per packet, 25c



## SCHIZANTHUS

**WISETONENSIS.** One of the finest strains in existence of this pretty half-hardy annual which is amenable to a variety of uses. *Schizanthus* makes an ideal outdoor bedding plant in the climate of Southern California, and it can be grown in pots in greenhouses and brought into bloom in winter and spring when there is a scarcity of flowers. Airy, dainty blossoms, white dotted with rose. Profuse bloomer.

Per packet, 15c

## STATICE (Sea Lavender)

Of exceptional merit as picturesque plants for the border, the *Statice*s are also popular for their abundance of light, graceful, delicately-colored flowers splendid for mixing in bouquets. Retaining their colors perfectly they are good for drying and winter decorative uses in colder climates. Should be planted in rather sunny locations.

**CASPIA.** Among the very best for use in bouquets, holding its blue color indefinitely in the cured state. An easily-grown perennial.

Per packet, 15c

**LATIFOLIA.** Purplish-blue flowers. A perennial variety growing 2 to 3 feet tall.

Per packet, 15c

**PEREZII.** A perennial species and one of the most impressive *Statice*s grown. Has handsome broad, dark-green foliage surmounted by immense branching heads of bright-blue flowers. Striking in garden effect and fine for cutting.

Per packet, 15c

**SINUATA.** A distinct class of the annual sea lavender and peculiarly adapted for mingling in bouquets. In separate colors of White, Blue and Mixed.

Per packet, 15c

## STOCKS

### GRAND TYPES, MANY COLORS

**GIANT BISMARCK.** Noted for immense flowers, blooming period of exceptional length and high percentage of doubles, and undoubtedly the best type of all Stocks. A strong grower and free branching it yields an abundance of showy, highly-fragrant bloom and is essential to make the spring garden complete. The seed we offer is our own giant strains and therefore of top quality. Stock seed comes only from single flowers, the double being absolutely sterile, hence a percentage of singles must always be expected, varying in the different colors; but our seed may be relied upon to yield full 60 to 70 per cent of fine double blossoms on fine spikes for cutting. Attain a height of 2 to 3 feet.

Separate colors of Appleblossom, Blood-red, Canary-yellow, Chamois, Chamois tinted rose, Dark lavender, Lavender, (silver-lilac) Purple, Rose, Salmon-pink and White; also Mixed.

### DWARF BEDDING STOCKS

**EMPRESS ELIZABETH.** Handsome variety growing about 15 inches tall. Fine spikes of blooms surmount the compact plants. Soft, silvery rose-pink.

**WHITE LADY.** Fitting companion to the foregoing kind, differing only in that it is pure white.

### BROMPTON STOCK

Of compact, bushy habit of growth and free-flowering. Blossoms are an exquisite clear rose shade, with stems 12 to 14 inches long, excellent keepers and therefore good for cutting. A cut-and-come-again Stock. Very high percentage of doubles.

Seed of any of the above Stocks, per packet, 15c; 6 packets for 75c.

## VERBENA

We offer a prize strain, one of the highest possible quality procurable, of these popular old-fashioned plants. This contains a wide range of fine colors and is particularly remarkable for both mammoth individual blossoms and trusses. *Verbenas* are easily grown from seed. They bloom within a comparatively-short time and furnish an unbroken succession of flowers throughout summer and autumn.

**H. & S. PRIZE MIXED.** Trusses and individual florets immense. The colors are extraordinary, including all shades from the white of snow to darkest crimson, with the intervening pinks, purples, roses, lilacs, lavenders, etc. These extra-choice *Verbenas* are of exceptional merit for mixed bedding, making a handsome, lasting display.

Per packet, 25c

**H. & S. GIANT AURICULA-EYED Mixed.** Large-flowered both as to trusses and individual blooms. The blossoms are beautiful and conspicuous, being richly colored and each distinguished by a contrasting center. The range of fine colors is exceedingly wide, from white to very dark, including all the shades of purple, lavender, red, pink, rose and salmon. A wonderful collection.

Per packet, 25c

## SWEET WILLIAM

Wonderfully colorful and showy in early spring, fine cut-flowers, and of easy culture, Sweet Williams are among the most important and highly esteemed of all hardy garden plants. The new varieties bear immense long-stemmed heads of dainty blossoms. Always very striking in beds of mixed colors or in harmonizing shades. Should be sown yearly. Height 18 inches.

**COPPERY-RED.** An impressive novelty bearing masses of bloom of a color comparable only with that of burnished copper. Free-flowering and handsome.

Per packet, 25c

**GIANT AURICULA-EYED Mixed.** An elegant strain, remarkable for individual size of trusses and blossoms. Centers of flowers pure-white zoned with various shades of crimson, pink, rose, etc. A selection of French origin and one of the best.

Per packet, 25c

**GIANT AURICULA-EYED Maroon With Scarlet Eye.** Same as the above excepting in color. Maroon and scarlet form a rich combination.

Per packet, 25c

**DOUBLE Mixed.** A decided improvement of French origin. Robust plants of bushy habit producing numerous stems surmounted by immense umbels of large full-double flowers. Colors extremely varied.

Per packet, 15c

**LA NIEGE Double White.** Same type as the above but blossoms pure-white.

Per packet, 15c

**SCARLET BEAUTY.** Bright salmon-scarlet. Fine and showy.

Per packet, 15c

**TURKISH-RED.** A wonderful color and sheen that is not to be noted in any other flower. Otherwise similar to Coppery-Red.

Per packet, 15c

## WALLFLOWER

The following new early-flowering varieties can be treated as annuals. Sown early in seed beds they will bloom freely during summer and autumn:

**BLOOD RED.** Splendid color.

Per packet, 15c

**EARLY PARIS MARKET.** Light-brown.

**GOLDEN GEM.** Bright golden-yellow.

Per packet, 15c

**MIXED.** The principal colors.

Per packet, 15c



PLEASE USE THIS ORDER SHEET

Howard K. Smith

## Montebello California

<p>AMOUNT ENCLOSED</p> <p>Mon. Order \$</p> <p>Draft - -</p> <p>Check - -</p> <p>Stamps - -</p> <p>Please give name of your County Seat:</p>	<p>Date....., 193...</p> <p><b>SOLD TO</b>.....</p> <p>Address .....</p> <p>.....</p> <p>Please write plainly; it avoids mistakes and delays</p> <p>.....</p> <p><b>SHIP TO</b>.....</p> <p>Address .....</p> <p>.....</p> <p>(To be filled in only if Shipping Point is different from Postoffice Address)</p>	<p>If not write here</p> <p>.....</p> <p>If any items are out of stock, may we substi- tute equally good or better ones? Write YES or NO</p>
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We do not warrant in any way, expressed or implied, the contents or description, quality or productiveness, or any other matter of any seeds, bulbs, plants or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make sale.



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MONTEBELLO, CALIFORNIA**

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# I N D E X

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# New Double Gerberas---Graceful and Lovely

*Large Blossoms, Ranging from Shell-Pink to Light Scarlet*



THIS is a fascinating and valuable new development—a perfect double Gerbera of impressive size, magnificent form and dainty, charming coloring with the additional great virtues of lasting fully a week and a half in cut condition and making a rich, superb showing in artificial light.

The flowers on well-grown plants measure 4 to 4½ inches across and are borne on strong stems 18 inches to 2 feet long. Instead of the open yellow disk common in the single variety the center is entirely filled with closely-inset petals of beautifully-graduated lengths; and these, with long exterior radiate petals, are built into a blossom of exceeding grace and elegance. The short center petals are prettily dentated, a feature that adds much to the attractiveness of the whole.

In color these distinctive new Gerberas disclose a delightful range—from the most delicate tone of shell-pink to exquisite begonia-rose and light scarlet, with the many unusual and pleasing intervening shades. Their fine build, proportions and hues make them as decorative in their class as the new Howard & Smith Giant California Sunshine Asters. They are floral aristocrats without rivals yet easy of culture. Many thousand persons enjoyed the refined beauty of the new flowers as seen in our autumn exhibits and expressed their admiration.

The plants are of perennial duration and decidedly hot-weather subjects, attaining perfection of bloom during the warmer months. Owing to the fact that they are more or less sterile insofar as seed production is concerned propagation is principally by division, which makes them somewhat more costly.

We offer this striking novelty at the special introductory price of **\$1.00 per plant or \$10.00 per dozen.**

**These Handsome Coming Cut-Flowers Keep Over Ten Days**